production of other revenue in the two years, while the percentage on the exploitation of material by departmental agency was reduced from 55 in 1893-94 to 50 in 1894-95, which is in itself a satisfactory feature of the year's working.

Net difference in the value of timber and other produce.

128. The difference in the value of timber and other produce on hand at sale and forest depôts at the beginning and at the close of the year under report was :—

	Value of timber, &c.
	Rs.
On 1st July 1894	52,630
On 30th June 1895	58,068
In favour of the year	5,438

Outstandings of revenue and advances.

129. The outstandings on account of revenue have decreased from Rs. 33,942 at the commencement of the year to Rs. 4,214, while those due from contractors and disbursers stood as follows :—

On 1st July 1894	...	... Rs. 1,02,138
On 30th June 1895	...	... ,, 52,586

130. All the Divisional Forest Officers, and especially Mr. Dalal in the Sukkur Division, have not been sparing in their efforts to recover the advances recklessly made under the Departmental system of working introduced in 1892. The balance still due from contractors and disbursers, however, is still high, and it is feared that one-third of the amount at least will prove a bad debt.

Net results of the year's working.

131. The results of the transactions of the two forest years 1893-94 and 1894-95 are compared below :—

	1893-94.	1894-95.
	Rs.	Rs.
Cash Surplus	... 2,20,782	2,62,066
Add—		
Value of Stock	... 52,630	58,068
Outstandings of Revenue	... 38,915	5,174
Total ...	3,12,327	3,27,308
Deduct—		
Outstandings and liabilities on account of contractors and disbursers.	1,02,138	52,586
Total net profit ...	2,10,189	2,74,722

The above figures speak for themselves and no comment is necessary.

CHAPTER V.

Forest Administration.

Government Resolution No. 7107, dated 6th September 1892, not applied wholly to the Sind Circle.

132. The forest administration of the Sind Circle is not conducted altogether on the lines laid down in Government Resolution No. 7107, dated the 6th September 1892. The officer in administrative charge of the Circle is directly subordinate to the Commissioner in Sind, but the Divisional Forest Officer's relation with the Collec-

tors of districts are not on the same footing, for the simple reason that forest divisional charges do not coincide with the fiscal divisions. It was deemed expedient, therefore, after some correspondence with the Commissioner not to disturb the existing arrangements of keeping Divisional Forest Officers under the sole control of the head of the Forest Department.

Officers in charge.

133. The charge of the Circle and of the various divisions was held by the officers as detailed below :—

Circle	The late Mr. Hexton from 1st to 27th June 1894. Mr. G. M. Ryan from 28th June to 24th September 1894. The late Mr. Hexton from 25th September to 10th October 1894. Mr. G. M. Ryan from 11th to 28th October 1894. Mr. F. R. Dasai from 29th October 1894 to 30th June 1895.
Sukkur Division	Mr. B. H. Dalal, whole year.
Naushahro do.	Mr. O. H. L. Napier, whole year.
Hyderabad do.	Mr. Shaukiram P. M., whole year.
Jerruck do.	Mr. G. M. Ryan, whole year.

Messrs. Tuljaram and Deshpande.

134. Mr. Tuljaram Nihalchand, Extra Assistant Conservator of Forests, III grade, retired on the 1st January 1895 and Mr. B. G. Deshpande was transferred from the Southern to the Sind Circle under Government Resolution No. 2377, dated 23rd March 1895, reporting himself for duty on the 26th April 1895.

Range Forest Officers.

135. At the close of the year, there were in the Circle 22 executive officers in charge of ranges, 2 Rangers and 5 Foresters of whom were trained in the College of Science, Poona, and hold certificates. The Circle now supports 4 paid students, one of whom joined soon after the year closed. One private student, the son of a retired Extra Assistant Conservator of Forests, holding a Ranger's certificate from the Dehra Dun Forest School, was appointed on the 28th June 1895 to take executive charge of the areas constituted Reserved Forests in the Ghorabari Taluka of the Karachi District under Government Notification No. 3436, dated 7th May 1895. No less than 13 range charges out of a total of 22 are held by Foresters who are imperfectly educated and who are incapable of carrying out the work which the improved management and treatment of forests devolves on them.

Office Establishment.

136. The Divisional Staff, being by no means strong, is hardly sufficient to keep pace with the routine work and is unable to minutely scrutinize the range accounts and returns. The Circle office is also numerically weak, and the clerks are often compelled to work from early in the morning till late in the evening to cope with their duties. The re-organization of office establishment is, therefore, a matter of urgent necessity. When every one has tried to do his best, it would be invidious to make a distinction, but the intelligence and diligence of Mr. Parmanand Udharam, Head Clerk in the Circle office, merit special commendation.

Conduct of subordinate protective staff.

137. The conduct of the subordinate establishment is reported by the Divisional Forest Officers to have been tolerably satisfactory, except in the Sukkur Division, in which the black list of the year is a very heavy one as will be seen from the following details :—

Forester Sanwal Khan, on Rs. 20, was prosecuted for criminal breach of trust with respect to a sum of Rs. 1,222, and was convicted and sentenced by the Sessions Judge of Shikarpur to undergo two years' rigorous imprisonment with a fine of Rs. 1,000 or six months' extra imprisonment in default, and the sentence was confirmed on appeal by the Sadar Court.

Forester Isardas on Rs. 20, a trained officer, was reduced to Rs. 15, for conniving at unauthorized cultivation within forest limits.

Another trained officer, Ranger Mangharam, and Foresters Rupchand and Khanchand fell victims to the lax system of keeping accounts authorized under the "Departmental" system of working introduced in 1892 and were reduced, the first two to the lowest grade of Foresters and the last to that of Karkuns. Two Sub-Rangers and a Nakedar were dismissed for extortion and misappropriation of money, and another Sub-Ranger for laying a false complaint against his superior officer. A clerk was also reduced from Rs. 30 to Rs. 15 for insubordinate and insolent behaviour towards his superior, the Divisional Forest Officer.

The dismissals and degradations in other divisions were for habitual neglect of orders and duties and for gross carelessness.

138. It has been found necessary to punish severely, especially in the Sukkur Division, where great laxity of discipline prevailed before Mr. Dalal's time. *Quasi* judicial proceedings are invariably held before dispensing with the services of subordinates both in the upper and lower grades of the executive as well as protective staff.

139. The services of the following Range Forest Officers have been recommended for special mention in the Divisional reports:—

1. Ranger Metharam Deumal.
2. Forester Dalpatrai Jethanand.
3. „ Bulchand Parumal.
4. „ Kishindas Isardas.
5. „ Kauromal Nihalsing.
6. Acting Forester Rabu.

Death of Range Forest Officer Dayaram.

140. It is to be regretted that the Sind Forest Department lost by the death of Dayaram Meherchand, in a boat accident on the river, the services of a very hard-working and deserving officer.

Sanctioned and actual expenditure on establishments.

141. The actual expenditure on subordinate protective and office establishments is compared with the sanctioned grant in the following statement:—

Establishments.	Sanctioned grant.	Actual expenditure.
	Rs.	Rs.
Office	10,152	10,127
Protective	38,600	37,432
Total ...	48,752	47,819

Services of the controlling staff.

142. Of Divisional Officers, Messrs. G. M. Ryan and B. H. Dalal are deserving of special mention. Mr. Ryan is a zealous and hard-working officer and takes an intelligent interest in every branch of his work. His management of the Jerruck Division was, as usual, excellent.

143. Mr. Dalal has had very arduous duties to perform during the year. The division he was in charge of—Sukkur—was very much neglected in his predecessor's time. Discipline was as lax as it could be, and corruption was rampant, and he set about his task with such untiring energy and quiet determina-

tion that it is now about the best administered in the Province. Although comparatively a junior officer of the Provincial Service, he came to Sind with an established reputation for intelligent and hard work, and his transfer from the Central Circle occasioned an expression of regret from both the Conservator and the Divisional Forest Officer to whom he was directly subordinate. His selection for filling up the vacancy caused by the reduction of Mr. Baptista was a fortunate one, as the Sukkur Division is the largest as well as the most difficult one to manage. Above all, his work in connection with the prosecution of Forester Sanwal Khan, recorded in paragraph 137, requires to be specially noticed. The case was a very intricate one, and the intelligence and conscientious zeal he displayed in preparing the evidence and exhibits evoked unqualified praise from the Government Pleader who represented the Crown at the trial before the Sessions Court and also from the Public Prosecutor in Sind who conducted the appeal before the Sadar Court. The patience he exhibited during the course of the trial, when he was subjected to a severe cross-examination lasting for two days and when the pleader for the defence made an unwarranted attack on his personal character, also commanded respect.

144. Messrs. O. H. L. Napier and Shaukiram Pribdas have managed their respective charges with care and foresight.

GENERAL REMARKS.

Deputy Conservator's tour.

145. The Circle being a compact one and means of locomotion by land and water not wanting, I was able to inspect almost all the forests with comparative facility. In the Sukkur and Naushahro Divisions, I noticed that the rules and orders for the acquisition of new accretions thrown up by the river, framed and issued from time to time by successive Commissioners, have generally been applied in years gone by to the detriment of the forest area. But this condition of things has been changed by the promulgation of the Circular issued by Mr. James in August 1894, and which has been referred to in paragraph 15 of the Progress Report of the Sind Circle for the year 1893-94. It has to be noted that these orders do not find favour with the Revenue officers of the very two districts—Upper Sind Frontier and Shikarpur—in which it was the custom formerly to treat the Forest Department in this matter with little or no consideration.

Thar and Parkar District.

146. It is to be regretted that no steps have yet been taken to constitute the areas notified under Section 4 of the Indian Forest Act, in November 1891 Reserved Forests in the Thar and Parkar District and place them under the management of the Forest Department. The area of the land is 186 square miles, and they are capable of yielding a large quantity of fuel for the Railway, as experimental cuttings made in 1892 by Forest officers showed that an outturn of about 3,000 cubic feet per acre was obtained from some of the "Dhaka" numbers. The importance, therefore, of bringing such a valuable State property under rational management cannot be underrated. Now that the Hyderabad-Umarkot Railway is to be extended across the Sind desert and the Kotri-Rohri line is under construction, it is absolutely necessary that an adequate establishment should be maintained and effective control introduced in these forests for the purpose of keeping up a cheap and permanent supply of fuel to meet the requirements of both the Railways. Unless exploitation is carried on systematically and works of improvement and reproduction are undertaken under intelligent management without loss of time, it will be found impossible later on to work them with advantage.

External relations.

147. The external relations of the Department have been on the whole very satisfactory as the following extracts from two of the Divisional reports show :—

Mr. Ryan, commenting on the forest offences tried by Magistrates in the Jerruck Division, records :

"—but it ought not to be omitted from mention that the Assistant Collector, "Shahbandar, Mr. Lawrence, I. C. S., and the Mukhtyarkar of "Mirpur Batora, Mr. Rochiram, rendered the Department consider-

" able help in the disposal of cases, for which many acknowledg-
" ments are due to them. Without their aid, it would have been
" almost impossible to cope with some of the 'Maldars' who became
" very unruly."

Mr. Dalal, the Divisional Forest Officer, Sukkur, states:

" In conclusion, I wish to place on record my grateful acknowledgments
" for much useful advice and assistance received during the year
" from Colonel Mayhew, Collector and District Magistrate of Shikar-
" pur. It is mainly by the influence and hearty co-operation of
" that officer that I was able to hold my own against the powerful com-
" bination of interests brought to bear on me in Sanwal Khan's case.
" The keen interest which Colonel Mayhew takes in arboriculture, in
" the spread of plantations and in forest matters generally is well
" known. Whenever I had occasion to seek his advice or assistance,
" Colonel Mayhew has been ever ready to give a sympathetic hearing
" and to do what lay in his power to advance the interests of the
" Department."

148. The records and accounts of all the Divisional Forest Offices were examined during the year, and no serious mistakes were discovered. Mr. Parmanand Hirdaram, Head Accountant, performed this duty with his customary care and accuracy.

Examination of divisional records.

F. R. DASAI,
Deputy Conservator of Forests,
Sind Circle.

FORM No. 46.

FORM

FOREST DEPARTMENT,

Area of Reserved

Division or Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1894.		Added during the year.
			Acres.	Equivalent in square miles.	Acres.
Sukkur ...	Shikarpur ...	Raoti	8,129	12·449	...
		Daresh	1,725	2·445	...
		Ubauro	3,150	4·590	...
		Mirpur	7,251	11·211	...
		Raharki	1,654	2·374	...
		Reti	2,388	3·468	...
		Rangu	972	1·332	...
		Narli	1,376	2·960	...
		Sarhad	3,529	5·329	1,335
		Islam	2,064	3·144	...
		Jehanpur	4,340	6·500	321
		Bahab	8,985	14·250	...
		Budh	1,217	1·577	...
		Sadhuja	7,641	11·601	29
		Shahpur	11,215	17·335	...
		Pawhari	587	·587	...
		Hussenbeli	3,407	5·207	...
		Azizpur	886	1·240	...
		Ding	1,543	2·263	...
		Syedpur	8,216	12·586	184
		Rohri	22,551	35·151	...
		Sultanpur	1,753	2·473	...
		Saliani	5,014	7·534	...
		Ghotki	4,200	6·360	3,707
		Adilpur	13,757	21·317	...
		Walu Mahar	2,648	4·880	...
		Samowah	2,252	3·332	...
		Wasir	1,417	2·137	...
		Jarwar	2,839	4·279	...
		Abad	5,604	8·484	...
		Kadurni Bindi	2,306	3·386	...
		Khia Bindi	2,118	4·558	...
		Shah	13,433	20·633	...
		Bindi Dhareja	6,866	10·466	...
		Kadrapur	2,564	4·400	...
		Mohro Mari	11,857	18·337	...
		Andaldal	12,104	18·584	...
		Bagarji	13,884	21·444	...
		Raiswah...	905	1·265	...
		Lakhi	3,614	5·414	...
		Ghari Halim	2,096	3·176	...
		Kot Sultan	17,342	27·620	...
	Upper Sind Frontier ...	Jamshero	6,616	10·216	...
		Jangan	2,291	3·710	...
		Abad	985	1·345	...
		Mehrabpur	991	1·351	5
		Dilawarpur	925	1·285	...
		Milkiat Sircar	1,923	3·300	...
		Bakapur	9,839	15·239	...
		Dilmurad	1,141	1·501	...
		Zangipur	5,334	8·214	...
		Sarki	3,773	5·573	...
		Baluchabad	765	1·125	...
		Korar	875	1·235	...
		Mirpur	6,978	10·578	...
		Karampur	5,770	9·100	...
		Keti Sadhuja	6,001	9·241	...
		Total, Sukkur Division ...	286,600	447·520	5,581
Naushahro	Shikarpur ...	Dosu	4,033	6·193	...
		Keti Ubhro	5,575	8·455	...
		Kanuri	3,630	5·430	...
		Sharifpur	1,027	1·387	...
		Bahman	1,547	2·267	...
		Nao-abad	2,205	3·285	...
		Phati Bilawal	711	1·710	...
		Amrote	11,684	18·164	...
		Muso	4,755	7·275	...
		Kasimshah	2,056	3·136	...
		Nari	1,419	2·139	...
		Dangar	3,685	5·485	...
		Soi	5,108	7·628	...
		Abrepota	...	...	1,309
		Kacho Beligaji...	...	...	1,127
		Kacho Akil	...	...	271
		Budo Dero	1,555	2·275	...
		Ghangharko	5,849	9·890	...
		Gaji Dero	4,238	6·398	...
		Garhi Yasin	25,328	39·368	...
		Madeji	...	...	4,213

...	8,129	12·449		
...	1,725	2·445		
...	3,150	4·590		
...	7,251	11·211		
...	1,654	2·374		
...	2,388	3·468		
...	972	1·332		
...	1,376	2·960		
...	4,864	7·384	No. 2405 of 25th March 1895.	
...	2,064	3·144		
...	4,661	7·181	No. 2405 of 25th March 1895.	
...	8,985	14·250		
...	1,217	1·577		
...	7,670	11·630	No. 2405 of 25th March 1895.	
...	11,215	17·335		
...	587	·587		
...	3,407	5·207		
...	880	1·240		
...	1,543	2·263		
...	8,400	13·800	No. 2405 of 25th March 1895.	
9,432	13,119	20·319	No. 5857 of 10th July 1894.	
...	1,753	2·473		
...	5,014	7·534		
...	7,907	12·227	No. 2405 of 25th March 1895.	
...	13,757	21·317		
...	2,648	4·880		
...	2,252	3·332		
...	1,417	2·137		
...	2,839	4·279		
...	5,604	8·484		
...	2,306	3·386		
...	3,118	4·558		
...	13,433	20·633		
...	6,866	10·466		
...	2,564	4·400		
...	11,857	18·337		
...	12,104	18·584		
...	13,884	21·444		
...	905	1·265		
...	3,614	5·414		
...	2,096	3·176		
...	17,342	27·620		
...	6,616	10·216		
...	2,291	3·710		
...	985	1·345		
...	996	1·356		Added by rectification of figures caused by revision survey.
...	925	1·285		
...	1,923	3·300		
...	9,839	15·239	No. 3129 of 26th April 1895.	
1,141	...	...	Do.	
5,334	...	...	Do.	
3,773	...	...		
...	765	1·125		
875	...	...		
6,978	...	...		
5,770	...	...		
...	6,001	9·241		
33,303	258,878	404·318		
...	4,033	6·193		
...	5,575	8·455		
...	3,630	5·430		
...	1,027	1·387		
...	1,547	2·267		
...	2,205	3·285		
711	...	...	G. R. No. 5418 of 26th June 1894.	
...	11,684	18·164		
...	4,755	7·275		
...	2,056	3·136		
...	1,419	2·139		
3,685	...	...	No. 898 of 2nd February 1895.	
...	5,108	7·628		
...	1,309	2·290	G. R. No. 6180 of 23rd July 1894.	
..	1,127	1·487	Do.	
...	271	·271	No. 7742 of 17th Sept. 1894.	
...	1,555	2·275		
...	5,849	9·890		
...	4,238	6·398		
...	25,328	39·368		
...	4,213	6·373	No. 8125 of 12th October 1894.	

Naushahro—*continued.*	Hyderabad	Bhaur	10,539	16·299	...
		Mohbat-dero	8,045	12·365	...
		Samtia	3,390	5·190	...
		Kamal-dero	1,365	2·850	...
		Bhorti	10,790	16·550	...
		Dalipota	867	1·227	...
		Bhaudimore	...	...	1,168
		Bindi Sono	...	...	1,972
		Abadblock	...	...	9
		Muso-dero	...	...	569
		Lundi	...	...	791
		Khairo-dero	13,073	20·273	...
		Lalia	4,192	6·352	...
	Karachi	Karampur	2,924	4·364	...
		Bagban	1,947	3·270	...
		Bhan	1,138	1·498	...
		Phaka	2,207	3·287	...
		Kalubori	748	1·108	...
		Pipri	925	1·285	...
		Total, Naushahro Division	146,555	228·635	11,429
Hyderabad	Hyderabad	Lakhat	6,380	9·620	...
		Kot Dhingono	...	...	123
		Lakat	...	...	295
		Kacho Lakho	...	...	590
		Bahawal Shah	...	...	1,518
		Nasri	1,556	2·276	...
		Mad	2,642	4·820	...
		Kacho Mad	...	...	583
		Kacho Mahrabpur	...	...	128
		Mahrabpur	3,338	5·138	...
		Mari	14,753	23·330	...
		Pai	5,130	8·100	...
		Keti Jurio	2,125	3·205	...
		Nokar	...	...	331
		Rano	1,627	2·347	...
		Amin Lakho	...	...	578
		Kunar	...	...	1,665
		Kari	...	...	3,237
		Reeshal	...	...	552
		Nurketi	4,061	6·221	...
		Bhanote	...	...	1,180
		Do.	841	1·201	...
		Sharki	...	...	2,282
		Khanote: Kelisadik	8,666	13·346	...
		Khanote: Khanote			
		Khanote: Keti Khanote			
		Kacho Khanote	...	...	2,735
		Ghotana	...	...	1,409
		Salaro	...	...	1,536
		Murid Rais	...	...	2,948
		Khebrani	760	1·120	...
		Sekhat	2,080	3·160	...
		Jakhri	1,926	3·600	...
		Matiari	5,354	8·234	...
		Ghali	3,041	4·481	...
		Do.	...	...	653
		Miani	4,917	7·437	...
		Kathri	756	1·116	...
		Gundi	2,150	3·230	...
		Mahomed Khan	181	181	...
		Hingorani	...	...	101
		Elchi	...	...	187
		Jamshoro	292	292	...
		Shahmakai	314	314	...
		Keti Mehrani	5,523	8·403	...
	Karachi	Karokho	1,701	2·421	...
		Gidarji	855	1·215	...
		Butto	7,748	12·680	...
		Lakha	...	...	250
		Manjhand	1,539	2·259	...
		Unerpur	10,705	16·465	...
		Ghag	1,296	2·160	...
		Total, Hyderabad Division	102,257	159·497	23,781
Jerruck	Karachi	Viran	9,112	14·182	...
		Sonda	2,114	3·194	...
		Hilaya	2,898	4·338	...
		Lalang	5,151	8·310	...

Jerruck ...	Karachi ...	Shah Lonko	1,690	2·410	...
		Garko	4,079	6·239	...
		Kacho Shah Lonko	313	·313	...
		,, Ali Ganj	715	1·750	...
		,, Bao Purandas	6,413	10·130	...
		,, Bijora	5,890	9·130	...
		,, Chach	3,362	5·162	...
		Malir	24	·240	...
		Kacho Alibahar	3,000	4·440	...
		Surjani	3,410	5·210	...
		Kot Almo	2,335	3·415	...
		Penah	6,169	9·409	...
		Susati	39	·390	...
		Khirsar	1,380	2·100	...
		Huderani	5,511	8·391	...
		Surjani	1,364	2·840	...
		Ganj	2,228	3·308	...
		Hazari	2,483	3·563	...
		Makholo	496	·496	...
		Achmarho	...	...	3,392
		Jurar	...	...	6,613
		Budka Takar	975	1·335	...
		Khadi	4,500	7·200	...
		Phatah	258	·258	...
		Mulchand	5,454	8·334	...
	Hyderabad ...	Husri	420	·420	...
		Khatro	416	·416	...
		Khathar...	2,975	4·415	...
		Katiar	952	1·312	...
		Khirdahi	290	·290	...
		Tikhur	1,709	2·429	...
		Khokhar	1,556	2·276	...
		Total, Jerruck Division ...	89,911	140·111	10,005
		GRAND TOTAL ...	625,123	976·483	50,796

Camp Sonda Forest,
25th November 1895.

206	10,333	16·930	G. R. No. 260 of 1st April 1895.
40	8,005	12·325	G. R. No. 9957 of 5th Dec. 1894.
...	3,390	5·190	
...	1,365	2·850	
...	10,790	16·550	
...	867	1·227	
...	1,168	1·528	No. 897 of 24th Sept. 1894.
...	1,972	3·520	No. 1726 of 1st March 1895.
...	9	·900	
...	569	·569	No. 8124 of 12th Oct. 1894.
...	791	1·151	Do.
...	13,073	20·273	
...	4,192	6·352	
...	2,924	4·364	
...	1,947	3·270	
...	1,138	1·498	
...	2,207	3·287	
...	748	1·108	
...	925	1·285	
4,642	153,342	239·382	
...	6,380	9·620	
...	123	123	
...	295	295	
...	590	590	
...	1,518	2·238	
...	1,556	2·276	
...	2,642	4·820	
...	583	583	
...	1,028	1·388	
...	3,338	5·138	
...	14,753	23·330	
...	5,130	8·100	
...	2,125	3·205	
...	331	331	
...	1,627	2·347	
...	578	578	
...	1,665	2·385	
...	3,237	5·370	
...	552	552	
...	4,061	6·221	
...	1,180	1·540	
...	841	1·201	
...	2,282	3·362	
...	8,666	13·346	
...	2,735	4·175	
...	1,409	2·129	
...	1,536	2·256	
...	2,948	4·388	
...	760	1·120	
...	2,080	3·160	
...	1,926	3·600	
...	5,354	8·234	
...	3,041	4·481	
...	653	1·130	
...	4,917	7·437	
...	756	1·116	
...	2,150	3·230	
...	181	181	
...	101	101	
...	187	187	
...	292	292	
...	314	314	
...	5,523	8·403	
...	1,701	2·421	
...	855	1·215	
...	7,748	12·630	
...	250	250	
...	1,539	2·259	
...	10,705	16·465	
...	1,296	2·160	
...	126,038	196·598	
...	9,142	14·182	
...	2,114	3·194	
...	2,898	4·338	
...	5,151	8·310	

B 101—10

No. 46.

SIND CIRCLE.

Forests, 1894-95.

EXCLUDED OR TRANSFERRED TO OTHER HEADS.	AREA ON 1ST MARCH 1895.		No. and date of Notification of addition or transfer.	REMARKS.
Acres.	Acres.	Equivalent in square miles.		
...	1,690	2·410		
...	4,079	6·239		
...	313	·313		
...	715	1·750		
...	6,413	10·130		
...	5,890	9·130		
...	3,362	5·162		
...	24	·240		
...	3,000	4·440		
...	3,410	5·210		
...	2,335	3·415		
...	6,169	9·409		
...	39	·390		
...	1,380	2·100		
...	5,511	8·391		
...	1,364	2·840		
...	2,228	3·308		
...	2,483	3·563		
...	496	·496		
...	3,392	5·192	No. 2645 of 2nd April 1895.	
...	6,613	10·213	No. 2951 of 6th April 1895.	
...	975	1·335		
...	4,500	7·200		
...	258	·258		
...	5,454	8·334		
...	420	·420		
...	416	·416		
...	2,975	4·415		
...	952	1·312		
...	290	·290		
...	1,709	2·429		
...	1,556	2·276		
...	99,716	155·516		
37,945	637,974	996·534		

F. R. DASAI,

Deputy Conservator of Forests,

Sind Circle.

FORM No. 46 A.

FOREST DEPARTMENT, SIND CIRCLE.

Area of Protected Forests, 1894-95.

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1894.		Added during the year.	Excluded or transferred to other heads.	Area on 1st March 1895.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
					Sq. m. a.				Sq. m. a.		
Sukkur ...	Jacobabad	Upper Sind Frontier ...	Macaulay ...	183	0 183	...	183	...	...	Government Resolution No. 1392 of 18th February 1895.	
	Thul ...		Dickinson ...	585	0 585	...	...	585	0 585		
			Total ...	768	1 128	...	183	585	0 585		
Naushahro.	Sehwan ...	Karachi ...	Karampur ... Shahgarh Dhandon.	2,347	3 427	...	...	2,347	3 427		
			Total ...	3,115	4 555	...	183	2,932	4 372		

Camp Sonda Forest,
25th November 1895.

F. R. DASAI,
Deputy Conservator of Forests,
Sind Circle.

FORM No. 52.

FOREST DEPARTMENT, SIND CIRCLE.

Prosecutions for breaches of Forest rules during 1894-95.

Forest Division and Civil District.		Cases pending from 1893-94.	New Cases of the Year.					Total cases.	Disposed of during the Year.						Cases pending at close of year.
			Injury to forest by fire.	Unauthorized felling or appropriation of wood and minor forest produce.	Grazing without permission or in tracts in which grazing is prohibited.	Other offences.	Total new cases of the year.		Convictions.		Acquittals.		Total.		
									Cases.	Persons.	Cases.	Persons.	Cases.	Persons.	
Sukkur ...	A ...	2	1	3	2	...	6	8	5	14	3	6	8	20	...
	B ...	...	...	52	741	...	793	793	788	788	...	...	788	788	5
	C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total ...	2	1	55	743	...	799	801	793	802	3	6	796	808	5
Naushahro ...	A ...	14	...	9	2	2	13	27	8	11	16	35	24	46	3
	B ...	...	...	31	66	...	97	97	97	106	...	...	97	106	...
	C ...	...	...	...	1	...	1	1	...	...	...	...	...	...	...
	Total ...	14	...	40	69	2	111	125	105	117	16	35	121	148	3
Hyderabad ...	A ...	2	...	4	7	1	12	14	9	14	1	5	10	19	4
	B ...	...	...	71	16	...	87	87	87	87	...	...	87	87	...
	C ...	...	...	7	...	...	7	7	...	...	...	...	...	...	...
	Total ...	2	...	82	23	1	106	108	96	101	1	5	97	106	4
Jerruck ...	A ...	1	...	...	3	...	3	4	3	9	1	1	4	10	...
	B ...	...	...	17	345	1	363	363	363	363	...	...	363	363	...
	C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total ...	1	...	17	348	1	366	367	366	372	1	1	367	373	...
Total of the Circle ...	A ...	19	1	16	14	3	34	53	25	48	21	47	46	95	7
	B ...	...	...	171	1,168	1	1,340	1,340	1,335	1,344	...	...	1,335	1,344	5
	C ...	...	...	7	1	...	8	8	...	...	...	...	...	...	...
	GRAND TOTAL ...	19	1	194	1,183	4	1,382	1,401	1,360	1,392	21	47	1,381	1,439	12

N.B.—A means cases taken into Court.
B means cases disposed of under Section 67 of the Indian Forest Act.
C means undetected cases.

Camp Sonda Forest,
25th November 1895.

F. R. DASAI,
Deputy Conservator of Forests,
Sind Circle.

FORM No. 53.

FOREST DEPARTMENT, SIND CIRCLE.

Area of Forest tracts protected from fire during 1894-95.

Division.	Forest tracts.	Year in which protection commenced.	Area protected during 1893-94.	Area attempted to be protected.	Failures.	Area actually protected.	REMARKS.
			Acres.	Acres.	Acres.	Acres.	
Sukkur	Mirpur	Not known ...	35,580	28,234	491	37,743	
	Kashmor		8,670	8,907	2	8,905	
	Ghotki		26,837	30,820	.....	30,820	
	Sadhuja		71,217	63,790	2,379	61,411	
	Abad		51,349	51,749	5	51,744	
	Sukkur		25,965	31,698	7	31,691	
	Do.	1887-88 ...	5,710				
	Kot Sultan	1887-88 ...	18,247	34,265	.....	34,265	
		1885-86 ...	40,066				
Naushahro	Kandiaro	...	11,038	11,238	32	11,206	
	Sehwan	...	1,114	1,200	40	1,160	
	Larkano	...	16,095	15,855	20	15,835	
	Naushahro Abro ...	1894-95 ...	.....	1,900	100	1,800	
Hyderabad	Rano	Not known ...	10,346	10,720	136	10,584	
	Unarpur		12,908	13,050	.....	13,050	
	Miani		3,833	3,833	.....	3,833	
	Kotri		500	500	.....	500	
Jerruck	Viran	Do. ...	2,032	2,032	1	2,031	
	Tatta		2,241	2,241	1	2,240	
	Shahbandar		9,137	9,137	280	8,857	
	Mulchand		3,524	3,524	50	3,474	
	Katiar		1,603	1,603	.....	1,603	
		Total ...	358,012	336,296	3,544	332,752	

Camp Sonda Forest,
25th November 1895.

F. R. DASAI,
Deputy Conservator of Forests,
Sind Circle.

FORM No. 54.

FOREST DEPARTMENT, SIND CIRCLE.

Area closed and open to Grazing during 1894-95.

Division.	AREA IN SQUARE MILES.								REMARKS.
	Closed to all animals.				Closed to browsers (camels, goats or sheep).		Open to all animals.	Total Area.	
	Whole year.		Part of year.		Whole year.		Part of year.	Whole year.			
1	2		3		4		5	6		7		8
Reserved Forests.	Sqr. Miles	acres.	Sqr. Miles	acres.	Sqr. Miles	acres.	Sqr. Miles	acres.	Sqr. Miles	acres.	Sqr. Miles	acres.	
Sukkur	10	33	12	296	1	160	...		380	469	404	318	
Naushahro	6	288	0	475	0	45	2	155	230	59	239	382	
Hyderabad	30	266	...		29	0	2	207	135	125	196	598	
Jerruck	7	82	...		...		...		148	434	155	516	
Total ...	54	29	13	131	30	205	4	362	894	447	996	534	
Protected Forests.													
Sukkur	...		...		...		...		0	585	0	585	
Naushahro	...		...		3	427	...		...		3	427	
Total ...	...		...		3	427	...		0	585	4	372	

Camp Sonda Forest,
25th November 1895.

F. R. DASAI,
Deputy Conservator of Forests,
Sind Circle.

FORM No. 55.

FOREST DEPARTMENT, SIND CIRCLE.

Return of Grazing in the State Forests during 1894-95.

Division.	GRAZING ON PAYMENT.						NUMBER OF ANIMALS.						
	At full rates.						At privileged rates.						
	Buffaloes.	Cows and Bullocks.	Goats and Sheep.	Camels.	Other animals.	Fees received.	Buffaloes.	Cows and Bullocks.	Goats and Sheep.	Camels.	Other animals.	Fees received. Actual.	Fees received. Value at full rates.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
						Rs.						Rs.	Rs.
Sukkur ...	17,237	17,552	82,634	1,558	351	14,312	6,008	18,854	47,835	669	...	3,651	7,617
Naushahro ...	6,665	6,028	53,141	1,303	230	6,142	3,419	6,519	37,066	506	60	2,212	3,950
Hyderabad ...	11,468	14,203	76,728	1,596	79	10,823	275	700	...	...	...	66	238
Jerruck ...	11,311	11,994	54,805	3,580	28	11,375	...	...	...	...	...	...	...
Total ...	46,681	49,777	267,308	8,037	688	42,652	9,702	26,073	84,901	1,175	60	5,929	11,805

Division.	GRAZING FREE.						NUMBER OF ANIMALS.							
	By right under Settlement.						During pleasure of Government or otherwise than under Settlement.						Total value of fees at full rates.	Grand Total of value at full rates.
	Buffaloes.	Cows and Bullocks.	Goats and Sheep.	Camels.	Other animals.	Value of fees at full rates.	Buffaloes.	Cows and Bullocks.	Goats and Sheep.	Camels.	Other animals.	Value of fees at full rates.		
1	15	16	17	18	19	20	21	22	23	24	25	26	27	28
						Rs.						Rs.	Rs.	Rs.
Sukkur ...	945	9,133	...	...	357	12,883	...	...	...	...	...	...	12,883	34,812
Naushahro ...	1,135	3,759	...	...	...	1,131	59	273	...	...	...	73	1,204	11,296
Hyderabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	11,061
Jerruck ...	...	...	...	...	...	...	12	38	...	4	...	40	40	11,415
Total ...	2,080	12,892	...	...	357	14,014	71	311	...	4	...	113	14,127	68,584

Camp Sonda Forest,
25th November 1895.

F. R. DASAI,
Deputy Conservator of Forests,
Sind Circle.

FORM No. 56.

FORM No. 56.

FOREST DEPARTMENT, SIND CIRCLE.

Area of Plantations, 1894-95.

Division.	Name of Plantation.	Area in Acres.				Receipts	Charges	Remarks.
		On 1st July 1894.	Added during the year.	Excluded during the year.	Area on 30th June 1895.	Of the year.		
	Regular Plantation.					Rs.	Rs.	
Sukkur ...	Rahuja Nursery	10	...	... 7	10	109	589	
	Shah Plantation	7	...	7	...	...	...	Entirely washed away by the river.
	Sadhuja do.	34	...	...	34	...	35	
Hyderabad ...	Divi-Divi Plantation ...	13	...	...	13	115	202	
	Bamboo do. ...	13	...	...	13	...	...	
	Miani Bungalow, Mangoe and Monuments Gardens ...	12	...	...	12	...	723	
Jerruck ...	Malier Plantation... ...	24	...	...	24	25	84	
	Sonda do.	5	...	...	5	144	336	
	Total ...	118	...	7	111	393	1,969	
	Cultural Operations.							
Sukkur ...	Bindi Dhareja	2,264	...	800	1,464	...	...	Opened to grazing to all animals except browsers.
	Shah	218	...	...	218	...	...	
	Keti Shah	160	400	...	560	...	...	
	Mahro Mari	705	...	...	705	...	...	
	Khia Bindi	257	...	...	257	...	...	

Kadrapur	...	...	770	250	...	1,020	...	...
Abad ...	...	...	...	475	...	475	...	...
Syedpur	...	...	16	...	...	16	...	...
Sadhuja	...	...	...	200	...	200	...	...
Buhab	...	...	...	400	...	400	...	...
Shahpur	...	...	...	20	...	20	...	...
Budh ...	...	...	...	200	...	200	...	...
Adilpur	...	...	1,410	880	...	2,290	...	...
Ghotki	...	...	186	430	...	616	...	...
Jarwar	...	...	350	180	...	530	...	...
Sumo Wah	...	...	25	2	...	27	...	...
Raoti ...	...	...	40	40	...	80	...	...
Jehanpur	...	...	16	160	...	176	...	...
Sarhad	...	...	26	550	...	576	...	...
Mirpur	...	...	16	1,200	...	1,216	...	...
Islam ...	...	...	...	40	...	40	...	...
Jhanwar	...	...	...	170	...	170	...	...
Reti ...	...	...	...	150	...	150	...	...
Nourli	...	...	...	40	...	40	...	...
Rahorki	...	...	...	4	...	4	...	...
Gublo	...	...	165	187	...	352	...	...
Garhi Halim	...	...	25	200	...	225	...	...
Lakhi...	...	...	3	250	...	253	...	...
Andaldal	...	...	28	880	...	908	...	...
Bagarji	...	...	3	393	...	396	...	...
Keti Bagarji	...	...	50	270	...	320	...	...
Kot Sultan	...	...	500	...	...	500	...	...
Bakapur	...	...	...	2	...	2	...	...
Milkiat Sircar	...	...	...	3	...	3	...	...
	Total	...	7,233	7,976	800	14,409	...	...

Division.	Name of Plantation.	Area in Acres.				Receipts	Charges	Remarks.
		On 1st July 1894.	Added during the year.	Excluded during the year.	Area on 30th June 1895.	Of the year.		
						Rs.	Rs.	
Naushahro ...	Mohbat-dero	1,445	160	...	1,605	...	...	
	Bhour	1,714	160	...	1,874	...	...	
	Samtia	410	...	...	410	...	...	
	Bhorti	570	...	...	570	...	...	
	Kamal-dero	100	...	...	100	...	...	
	Dalipota	125	...	...	125	...	...	
	Karampur	222	...	...	222	...	...	
	Khairo-dero II	540	...	400	140	...	...	Opened to grazing.
	„ I	340	...	...	340	...	...	
	Lalia	40	...	...	40	...	...	
	Bhan	100	...	50	50	...	...	Do.
	Kandi Baghan	22	...	22	...	...	...	Do.
	Sharifpur	45	...	...	45	...	...	
	Amrote	110	...	...	110	...	...	
	Kanure	35	10	...	45	...	...	
	Muso	105	...	105	...	...	...	Do.
	Bahman	...	10	...	10	...	...	
	Dosu	...	80	...	80	...	...	
	Keti Ubhro	53	50	...	103	...	...	
	Agani	200	5	...	205	...	...	
	Gaji-dero	30	...	30	...	...	...	Do.
	Nari	12	...	7	5	...	...	Do.
	Kasimshah	11	...	11	...	...	...	Do.
	Soi	15	...	15	...	...	...	Do.

	Budo-dero	14	...	10	4	...	...	Do.
	Dangar	15	...	15	...	...	...	Do.
	Total ...	6,273	475	665	6,083	...	...	
Hyderabad ...	Nasri	800	80	* 160	720	...	...	Do.
	Mad	1,146	160	* 160	1,146	...	...	
	Mahrabpur	720	230	...	950	...	...	
	Mari	2,036	320	...	2,356	...	...	
	Keti Jurio	510	80	...	590	...	...	
	Rano	250	80	...	330	...	...	
	Nurketi	475	15	...	490	...	...	
	Butta	3,495	280	* 550	3,225	...	...	
	Manjhand	568	...	...	568	...	...	
	Unerpur	2,295	...	...	2,295	...	...	
	Ghag	180	20	...	200	...	...	
	Khanote	1,143	110	...	1,253	...	...	
	Salaro	...	150	...	150	...	...	
	Murid Rais	...	80	...	80	...	...	
	Sekhat and Khebrani ...	10	20	...	30	...	...	
	Matiari and Jakhri ...	1,890	220	...	2,110	...	...	
	Miani	1,140	1,475	...	2,615	...	...	
	Muhammad Khan ...	181	...	...	181	...	...	
	Kathri	110	30	...	140	...	...	
	Ghali	20	20	...	40	...	...	
	Shah Makai	99	...	...	99	...	...	
	Jam Shoro	58	...	...	58	...	...	
	Karokho	40	...	...	40	...	...	
	Total ...	17,166	3,370	870	19,666	...	...	
Jerruck ...	Khadi	433	...	...	433	...	...	
	Budka Takar	160	...	...	160	...	...	
	Mulchand	55	...	...	55	...	...	

Division.	Name of Plantation.	Area in Acres.				Receipts	Charges	Remarks.
		On 1st July 1894.	Added during the year.	Excluded during the year.	Area on 30th June 1895.	Of the year.		
						Rs.	Rs.	
Jerruck—*continued.*	Viran	287	...	...	287	...	...	
	Sonda	291	...	...	291	...	...	
	Hillaya	160	...	...	160	...	...	
	Lalang	230	...	...	230	...	...	
	Khokhar	554	...	...	554	...	...	
	Khathar	230	...	...	230	...	...	
	Katiar	120	...	...	120	...	...	
	Khatro	416	...	...	416	...	...	
	Tikhur	210	...	...	210	...	...	
	Shah Lanko	413	...	...	413	...	...	
	Garko	293	...	...	293	...	...	
	Kacho Surjani	220	...	...	220	...	...	
	Kot Almo	40	...	...	40	...	...	
	Huderani	40	...	...	40	...	...	
	Hazari	80	...	...	80	...	...	
	Ali Bahar	5	155	...	160	...	...	
	Surjani	110	...	...	110	...	...	
	Penah	60	...	...	60	...	...	
	Total ...	4,407	155	...	4,562	...	...	
	Total, Regular Plantation ...	118	...	7	111	393	1,969	
	Total, Cultural Operations ...	35,079	11,976	2,335	44,720	...	...	
	Grand Total ...	35,197	11,976	2,342	44,831	393	1,969	

Camp Sonda Forest,
25th November 1895.

F. R. DASAI,
Deputy Conservator of Forests,
Sind Circle.

FORM No. 57.

FOREST DEPARTMENT, SIND CIRCLE.

Outturn (in cubic feet, solid) of Timber and Fuel during the year 1894-95, *and Agency of Exploitation.*

Division.	Timber in the rough; Logs.					Timber in the rough; Poles.					Sawn or Squared Timber.					Miscellaneous.					Fuel.					Total.
	Government.	Purchasers.	Free grantees.	Right-holders.	Total.	Government.	Purchasers.	Free grantees.	Right-holders.	Total.	Government.	Purchasers.	Free grantees.	Right-holders.	Total.	Government.	Purchasers.	Free grantees.	Right-holders.	Total.	Government.	Purchasers.	Free grantees.	Right-holders.	Total.	Outturn.
Reserved Forests.																									
Sukkur	21,643	2,181	615	...	24,439	10,832	62	4	...	10,898	...	...	...	...	...	11,517	11,363	1,003	...	23,883	3,390,152	2,852,163	1,350	...	6,243,665	6,302,885
Naushahro	619	9,379	145	...	10,134	750	21,314	1,223	...	23,287	2	16	...	...	18	80	121	1,078	...	1,279	2,483,574	312,803	...	...	2,796,377	2,831,095
Hyderabad	705	6,061	278	...	7,044	83,794	15,254	415	...	99,463	35,531	4,000	...	...	39,531	59	222	...	...	281	3,879,458	372,114	...	...	4,251,572	4,397,891
Jerruck	12,666	11,304	150	...	24,120	...	14,580	100	...	14,680	729	37,270	...	...	37,999	...	...	...	...	...	3,048,853	398,972	...	...	3,447,825	3,524,624
Total ...	35,624	28,925	1,188	...	65,737	95,376	51,210	1,742	...	148,328	36,262	41,286	...	...	77,548	11,656	11,706	2,081	...	25,443	12,802,037	3,936,052	1,350	...	16,739,439	17,056,495
Protected Forests.																									
Sukkur	...	179	...	...	179	...	1	...	...	1	...	...	...	...	...	...	456	...	...	456	...	...	...	...	...	636

Charcoal should be shown by its equivalent in fuel, the quantity of wood consumed in producing it being entered in cubic feet, solid.

Camp Sonda Forest,
25th November 1895.

F. R. DASAI,
Deputy Conservator of Forests,
Sind Circle.

FORM No. 58.

FOREST DEPARTMENT, SIND CIRCLE.

Outturn of minor Forest produce.

Division.	Description of produce.	Produce removed or utilized.										Remarks.
		By Government agency.		By purchasers.		By free grants.		By right-holders.		Total.		
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
			Rs.		Rs.		Rs.		Rs.		Rs.	
Sukkur ...	Mango fruit, &c.	...	108	...	...	...	...	...	...	...	10	
	Babul seed	4—20	7	...	...	...	...	...	...	4—20	8	
	Babul pods	...	...	Contract.	554	...	...	...	...	Contract.	557	
	Munj reed	...	...	Do.	819	...	...	...	...	Do.	814	
	Do.	...	...	Bdles. 59	5	...	...	...	...	Bdles. 59	9	
	Kanh grass	...	...	Do. 221	11	Bdles. 30	2	...	...	Do. 251	13	
	Dub grass	...	...	Mds. 2,116	132	...	...	...	...	Mds. 2,116	132	
	Jhau brushwood	...	...	Bdles. 588	60	Bdles. 8	1	...	...	Bdles. 896	61	
	Branches of Kundi and Babul trees ...	...	...	...	13	...	...	...	...	...	13	
	Grazing fees	...	...	...	17,963	...	...	...	...	...	17,963	
	Total ...	...	115	...	19,557	...	3	...	...	...	19,675	
Naushahro...	Babul pods	...	...	...	572	...	...	...	...	...	572	
	Ber fruit	...	...	...	21	...	...	...	...	...	21	
	Fruit	...	...	...	20	...	...	...	...	...	20	
	Sur reed	...	...	402	26	...	...	...	...	402	26	
	Do.	...	...	...	724	...	...	...	...	...	724	
	Kanh	...	...	40	2	...	...	...	...	40	2	
	Jhau brushwood	...	...	1,406	89	140	9	...	...	1,546	98	
	Branches of trees	...	...	96	26	...	...	...	...	96	26	
	Babul bark	...	...	8	1	...	...	...	...	8	1	
	Grazing fees	...	...	...	8,354	...	...	...	...	...	8,354	
	Total ...	...	...	1,952	9,835	140	9	...	...	2,092	9,844	

Hyderabad...	Babul bark	...	...	Mds. 96	12	...	...	...	...	Mds. 96	12
	Tooth brushes	...	...	Do. 730	228	...	...	...	...	Do. 730	228
	Brushwood	...	...	Bdles. 156	10	...	...	...	...	Bdles. 156	10
	Kanh grass	...	...	Do. 1,708	110	Bdles. 32	2	...	...	Do. 1,740	112
	Do.	...	...	Contract.	337	...	...	...	...	Contract.	337
	Compensation on account of damage done in Forests	...	...	...	186	...	...	...	...	...	186
	Lac	...	...	Contract.	8,100	...	...	...	...	Contract.	8,100
	Babul pods	...	...	Do.	8,760	...	...	...	...	Do.	8,760
	Babul seed	Mds. 6	7	...	...	...	...	...	...	Mds. 6	7
	Grazing fees	...	...	...	10,889	...	...	...	...	...	10,889
	Total ...	6	7	...	28,632	32	2	...	...	...	28,641
Jerruck ...	Babul bark	...	...	1,018	155	...	...	...	...	1,018	155
	Mangoes	...	...	Contract.	8	...	...	...	...	Contract.	8
	Babul pod	...	...	Do.	2,135	...	...	...	...	Do.	2,135
	Grass in Malier	...	...	Do.	25	...	...	...	...	Do.	25
	Kanh grass	...	...	Do.	65	...	...	...	...	Do.	65
	Do. bundles	...	...	42	3	...	...	...	...	42	3
	Lac	...	...	Contract.	300	...	...	...	...	Contract.	300
	Sonda Nursery fruit	...	...	Do.	144	...	...	...	...	Do.	144
	Jhau brushwood bundles	...	...	96	6	...	...	...	...	96	6
	Compensation	...	...	...	52	...	...	...	...	...	52
	Grazing fees	...	...	...	11,375	...	...	...	...	...	11,375
	Total ...	...	...	1,156	14,268	...	...	...	...	1,156	14,268

Camp Sonda Forest,
25th November 1895.

F. R. DASAI,
Deputy Conservator of Forests,
Sind Circle.

FORM No. 59.

FOREST DEPARTMENT, SIND CIRCLE.

Account of Timber and other Produce cut or collected by Government Agency and brought to Sale Depôts or sold locally during the year 1894-95.

	Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD. No. or quantity.	TOTAL OF EACH HEAD. Cubic feet.
	TIMBER.				
	BALANCE AT COMMENCEMENT OF THE YEAR.				
Sukkur Division.	*Sale Depots.*				
	Babul logs and dasas	1,030	5,704		
	Bahan do.	4,953	20,978		
	Babul posts	1,188	...		
	Bahan do.	21,486	...		
	Bahan rafters	1,833	...		
	Babul do.	37	...		
	Babul cart axles	4,832	...	35,359	26,682
	Forest Depots.				
	Bahan dasas	206	...	206	
Naushahro Division.	*Sale Depots.*				
	Babul outer slabs	30	...	30	
	Forest Depots.				
	Babul logs	76	544	76	544

Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD. No. or quantity.	TOTAL OF EACH HEAD. Cubic feet.
TIMBER.				
Removed by purchasers from Sale Depots.				
Babul logs and dasas	755	3,307		
Babul logs	4,076	21,924		
Babul posts	1,653	...		
Babul rafters	762	...		
Babul cart axles	6,762	...		
Babul slabs	121	...		
Babul dasas	4	25		
Babul do.	4	...		
Babul planks	261	...		
Babul sleepers	267	...		
Babul beams	571	12,076		
Babul bolsters	27	729		
Babul pieces	8	...		
Bahan logs and dasas	4,146	18,331		
Bahan posts	24,079	...		
Bahan rafters	151,082	...		
Tali pieces	5	5	194,583	56,397

Hyderabad Division.	*Sale Depots.*								*Sold locally.*				
	Babul logs	90	625					Babul props	17,503	...			
	Babul logs	1	...					Babul props	3	31			
	Bahan logs	1	7					Babul logs	208	1,650			
	Babul dasas	4	25					Babul planks	8,257	...			
	Babul rafters	585	...					Babul sleepers	1,720	...			
	Bahan posts	775	...					Babul pieces	7	...			
	Bahan rafters	20,100	...					Bahan props	832	...			
	Babul outer slabs	2	...	21,558	657			Bahan props	3	25			
	Forest Depots.							Bahan rafters	1,600	...			
	Babul logs	26	...					Bahan pieces	320	...			
	Babul sleepers	2	...					Kandi pieces	4	49			
	Babul pieces	7	...								30,462	1,755	
	Babul rafters	148	...					*Converted in Sale Depots.*					
	Babul props	15	...	198	...			Babul logs...	46	140			
Jerruck Division.	*Sale Depots.*										46	140	
	Nil	...	...	...	...			*Used by the Department.*					
	Forest Depots.							Babul logs	7	82			
	Babul logs	44	138	44	138						7	82	
	Total balance ...	...	...	57,471	28,021			*Written off.*					
	Removed from Forests in Sale Depôts.							Babul logs	11	247			
								BALANCE AT CLOSE OF THE YEAR.			11	247	
	Bahan logs and dasas	6,112	26,559					*Sale Depots.*					
	Babul do.	121	394					Babul logs and dasas	395	2,787			
	Babul logs	6,130	31,379					Babul posts	118	...			
	Babul beams	582	12,323					Babul cart axles	390	...			
	Babul bolsters	27	729					Babul log	1	4			
	Babul sleepers	400	...					Bahan logs and dasas ...	6,919	29,206			
	Babul rafters	148	...					Bahan posts	12,935	...			
	Babul pieces	8	...					Bahan rafters...	3,125	...			
	Babul slabs	81	...								23,883	31,997	
	Babul posts	583	...					*Forest Depots.*					
	Babul cart axles	2,320	...					Babul logs	15	260			
	Babul dasas	4	...					Bahan dasas	206	...			
	Bahan posts	15,278	...					Tali logs	21	264			
	Bahan rafters	132,474	...								242	524	
	Tali pieces	5	5	164,273	71,389								

Particulars.	No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
Received in Forest Depots.				
Babul logs	221	1,598		
Babul props	3	31		
Babul props	18,893	...		
Babul sleepers	1,720	...		
Babul planks	8,261	...		
Bahan props	832	...		
Bahan props	3	25		
Bahan rafters	1,791	...		
Bahan pieces	320	...		
Bahan dasas	4	...		
Tali logs	21	264		
Kandi props	4	49	32,073	1,967
Received by conversion in Sale Depots.				
Babul planks	261	...		
Babul slabs	37	...	298	...
Total, Timber ...	...	...	254,115	101,377

	Particulars.	No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
Naushahro Division.	*Sale Depots.*				
	Babul slabs	27	...	27	...
	Forest Depots.				
	Bahan rafters...	135	...	135	...
Hyderabad Division.	*Sale Depots.*				
	Babul logs	2,091	9,858		
	Babul log	1	...		
	Babul rafters	8	...		
	Babul slabs	2	...		
	Babul sleepers	133	...		
	Bahan logs	1	7		
	Bahan posts	525	...		
	Bahan rafters	200	...	2,961	9,865
	Forest Depots.				
	Babul planks	4	...		
	Babul rafters...	148	...		
	Babul sleepers	2	...		
	Babul logs	26	...		
	Babul props	1,400	...		
	Bahan dasas	4	...		
	Bahan rafters	56	...	1,640	...
Jerruck Division.	*Sale Depots.*				
	Nil	...	...	...	...
	Forest Depots.				
	Babul logs	118	370	118	370
	Total, Timber ...	...	...	254,115	101,377

FIREWOOD AND CHARCOAL.

BALANCE AT COMMENCEMENT OF THE YEAR.

Sukkur Division.	*Sale Depots.*						
	Firewood	Mds.	10,126	...			
	Loco. fuel	C. ft.	...	9,446			
					10,126	9,446	
	Forest Depots.						
	Firewood	Mds.	6,581	...			
	Loco. fuel	C. ft.	...	233,177			
	Babul and Sisu seed	Mds.	575	...			
					7,156	233,177	
Naushahro Division.	*Sale Depots.*						
	Firewood	Mds.	2,000	...			
					2,000	...	
	Forest Depots.						
	Firewood	Mds.	6,720	...			
	Babul seed	"	159	...			
	Loco. fuel	C. ft.	...	33,649			
					6,879	33,649	
Hyderabad Division.	*Sale Depots.*						
	Firewood	Mds.	2,697	...			
	Loco. fuel	C. ft.	...	27,384			
	Charcoal	Mds.	50	...			
					2,747	27,384	
	Forest Depots.						
	Firewood	Mds.	4,075	...			
	Loco. fuel	C. ft.	...	106,084			
	Babul seed	Mds.	219	...			
					4,294	106,084	
Jerruck Division.	*Sale Depots.*						
	Firewood	Mds.	7,525	...			
					7,525	...	
	Forest Depots.						
	Firewood	Mds.	27,800	...			
	Loco. fuel	C. ft.	...	218,346			
	Charcoal	Mds.	2,817	...			
	Babul seed	"	249	...			
	Kundi seed	"	26	...			
					30,892	218,346	
	Total, Balance ...		...	...	71,619	628,086	

FIREWOOD AND CHARCOAL.

Removed by purchasers from Sale Depots.				
Firewood	Mds.	195,019	...	
Loco. fuel	C. ft.	...	499,043	
Charcoal	Mds.	7,387	...	
				202,406 / 499,043
Sold locally.				
Firewood	Mds.	140,005	...	
Loco. fuel	"	49,475	...	
Loco. fuel	C. ft.	...	6,699,923	
Charcoal	Mds.	77,943	...	
Babul seed	"	11	...	
				267,434 / 6,699,923
Transferred to Sale Depots.				
Firewood	C. ft.	...	39,150	
Firewood	Mds.	16,594	...	
				16,594 / 39,150
Used by Department.				
Babul and Sisu seed	Mds.	702	...	
Babul seed	"	1,178	...	
Kundi seed	"	20	...	
				1,900 / ...
Supplied to Divisional Forest Officers, &c.				
Babul seed	Mds.	322	...	
				322 / ...
Written off Sale Depots.				
Loco. fuel	C. ft.	...	71	
				... / 71
Written off Forest Depots.				
Loco. fuel	C. ft.	...	60,046	
Firewood	Mds.	17,298	...	
Babul seed	"	69	...	
Kundi seed	"	6	...	
				17,373 / 60,046

Particulars.	No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
Received from forests in Sale Depots.				
Firewood ... ... Mds.	193,433	...		
Loco. fuel ... ... C. ft.	...	484,155		
Charcoal ... ... Mds.	7,338	...		
Babul bark ... ... „	3	...	200,774	484,155
Received in Forest Depots.				
Firewood ... ... Mds.	178,294	...		
Loco. fuel ... ... „	49,475	...		
Loco. fuel ... ... C. ft.	...	6,851,704		
Charcoal ... ... Mds.	83,373	...		
Babul seed ... ... „	2,715	...	313,857	6,851,704
Received by transfer in Sale Depots.				
Firewood ... ... Mds.	16,594	...	16,594	...
Received by transfer in Forest Depots.				
Babul seed ... ... Mds.	75	...	75	...
Total ...			602,919	7,963,945

Particulars.			No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
Balance at close of the year.						
Sukkur Division.	*Sale Depots.*					
	Firewood	... Mds.	1,025	...		
	Loco. fuel	... C. ft.	...	12,475	1,025	12,475
	Forest Depots.					
	Firewood	... Mds.	5,071	...		
	Loco. fuel	... C. ft.	...	88,975		
	Charcoal	... Mds.	100	...		
	Babul and Sisu seed	... „	742	...	5,913	88,975
Naushahro Division.	*Sale Depots.*					
	Firewood	... Mds.	3,525	...	3,525	...
	Forest Depots.					
	Firewood	... Mds.	12,726	...		
	Babul seed	... „	99	...		
	Loco. fuel	... C. ft.	...	77,723	12,825	77,723
Hyderabad Division.	*Sale Depots.*					
	Firewood	... Mds.	16,100	...		
	Loco. fuel	... C. ft.	...	9,396		
	Charcoal	... Mds.	1	...		
	Babul bark	... „	3	...	16,104	9,396
	Forest Depots.					
	Firewood	... Mds.	20,875	...		
	Loco. fuel	... C. ft.	...	330,288		
	Babul seed	... Mds.	413	...	21,288	330,288
Jerruck Division.	*Sale Depots.*					
	Firewood	... Mds.	112	...	112	...
	Forest Depots.					
	Firewood	... Mds.	27,495	...		
	Loco. fuel	... C. ft.	...	146,855		
	Charcoal	... Mds.	8,147	...		
	Babul seed	... „	456	...	36,098	146,855
		Total ...			602,919	7,963,945

Camp Sonda Forest,
25th November 1895.

F. R. DASAI,
Deputy Conservator of Forests,
Sind Circle.

FORM No. 60.

FORM

FOREST DEPARTMENT,

Abstract showing the value of timber and

	Description of timber and other produce.	On hand at commencement of the year.			On hand at close of the year.			Difference in value.	
		No.	Cubic feet.	Value.	No.	Cubic feet.	Value.	In favour of the year.	Against the year.
Sukkur Division.	*Sale Depôts (timber).*			Rs.			Rs.	Rs.	Rs.
	Bahan logs and dasas ...	4,953	20,978	10,489	6,919	29,206	14,603	...	...
	Babul do. do. ...	1,030	5,704	2,852	396	2,791	1,395	...	...
	Bahan posts	21,486	...	6,875	12,935	...	4,139	...	...
	Babul do.	1,188	...	380	118	...	38	...	...
	Bahan rafters	1,833	...	275	3,125	...	469	...	...
	Babul cart axles	4,832	...	1,208	390	...	97	...	...
	Babul rafters	37	...	6	...	...	...	...	...
	Total ...	35,359	26,682	22,085	23,883	31,997	20,741	...	1,344
	Forest Depôts (timber).								
	Bhan dasas	206	...	185	206	...	185	...	...
	Babul logs	...	...	...	15	260	49	...	...
	Tali do.	...	...	...	21	264	66	...	...
	Total ...	206	...	185	242	524	300	115	...
	Sale Depôts (firewood).								
	Firewood	10,126	...	1,823	1,025	...	184	...	...
	Loco. fuel	...	9,446	368	...	12,475	561	...	...
	Total ...	10,126	9,446	2,191	1,025	12,475	745	...	1,446
	Forest Depôts (firewood).								
	Firewood	6,581	...	790	5,071	...	609	...	...
	Loco. fuel	...	233,177	6,063	...	88,975	2,313	...	...
	Charcoal	...	...	...	100	...	30	...	...
	Babul seed	575	...	288	742	...	371	...	...
	Total ...	7,156	233,177	7,141	5,913	88,975	3,323	...	3,818
Naushahro Division.	*Sale Depôts (timber).*								
	Babul slabs	30	...	7	27	...	6	...	...
	Total ...	30	...	7	27	...	6	...	1
	Forest Depôts (timber).								
	Babul logs	76	544	76	...	...	...	...	...
	Bahan rafters	...	...	...	135	...	10	...	...
	Total ...	76	544	76	135	...	10	...	66
	Sale Depôts (firewood).								
	Firewood	2,000	...	400	3,525	...	700	...	...
	Total ...	2,000	...	400	3,525	...	700	300	...
	Forest Depôts (firewood).								
	Firewood	6,720	...	975	12,726	...	1,810	...	...
	Loco. fuel	...	33,649	465	...	77,723	1,142	...	...
	Total ...	6,720	33,649	1,440	12,726	77,723	2,952	1,512	...
	Babul seed	159	...	159	99	...	99	...	60

Net difference in

Camp Sonda Forest,
25th November 1895.

No. 60.

SIND CIRCLE.

other produce at sale depôts for the year 1894-95.

	Description of timber and other produce.	On hand at commencement of the year.			On hand at close of the year.			Difference in value.	
		No.	Cubic feet.	Value.	No.	Cubic feet.	Value.	In favour of the year.	Against the year.
Hyderabad Division.	*Sale Depôts (timber).*			Rs.			Rs.	Rs.	Rs.
	Babul logs	90	625	312	2,091	9,858	4,929	...	...
	Do.	1	...	1	1	...	1	...	...
	Babul dasas	4	25	12	...	...	...	...	...
	Bahan log	1	7	3	1	7	3	...	...
	Bahan posts...	775	...	310	525	...	210	...	...
	Do. rafters	20,100	...	2,412	200	...	24	...	...
	Do. slabs	2	...	1	2	...	1	...	...
	Babul rafters	585	...	70	8	...	1	...	...
	Babul sleepers	...	...	...	133	...	366	...	...
	Total ...	21,558	657	3,121	2,961	9,865	5,535	2,414	...
	Forest Depôts (timber).								
	Babul sleepers	2	...	2	2	...	2	...	...
	Babul pieces...	7	...	1	...	...	...	...	...
	Babul rafters	148	...	15	148	...	15	...	...
	Babul logs	26	...	52	26	...	52	...	...
	Babul props...	15	...	1	1,400	...	420	...	...
	Babul plank...	...	...	...	4	...	2	...	...
	Bahan dasas...	...	...	...	4	...	2	...	...
	Bahan rafters	...	...	...	56	...	6	...	...
	Total ...	198	...	71	1,640	...	499	428	...
	Sale Depôts (firewood).								
	Firewood	2,697	...	539	16,100	...	3,220	...	
	Loco. fuel	...	27,384	1,050	...	9,396	432	...	...
	Charcoal	50	...	25	1	...	1	...	...
	Babul bark	...	...	...	3	...	1	...	...
	Total ...	2,747	27,384	1,614	16,104	9,396	3,654	2,040	...
	Forest Depôts (firewood).								
	Firewood	4,075	...	407	20,875	...	2,087	...	...
	Loco. fuel	...	106,084	3,395	...	330,288	7596	...	...
	Babul seed	219	...	110	413	...	206	...	...
	Total ...	4,294	106,084	3,912	21,288	330,288	9,889	5,977	...
Jerruck Division.	*Forest Depôts (timber).*								
	Babul logs	44	138	13	118	370	35	22	...
	Sale Depôts (firewood).								
	Firewood	7,525	...	1,305	112	...	20	...	1,285
	Forest Depôts (firewood).								
	Firewood	27,800	...	3,336	27,495	...	3,299	...	...
	Loco. fuel	...	218,346	4,367	...	146,855	2,937	...	...
	Charcoal	2,817	...	1,070	8,147	...	3,096	...	...
	Babul seed	249	...	124	456	...	228	...	...
	Kundi seed	26	...	13	...	...	...	...	...
	Total ...	30,892	218,346	8,910	36,098	146,855	9,560	650	...

favour of the year Rs. 5,438.

F. R. DASAI,
Deputy Conservator of Forests,
Sind Circle.

FORM No. 61.

FOREST DEPARTMENT, SIND CIRCLE.

Summary of Revenue and Expenditure of the different Divisions for the Forest year 1894-95 (*1st July* 1894 *to* 30*th June* 1895).

Budget Heads.	Direction.	Hyderabad Division.	Naushahro Division.	Sukkur Division.	Jerruck Division.	Thar and Parkar Division.	Total from July 1894 to June 1895.
REVENUE.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
I.—TIMBER AND OTHER PRODUCE REMOVED FROM THE FORESTS BY GOVERNMENT AGENCY—							
a. Timber	...	46,153 5 8	252 7 0	20,075 15 10	28,985 0 5	...	95,466 12 11
b. Firewood and charcoal	...	1,26,254 5 6	81,161 14 9	1,53,843 11 10	56,457 1 11	716 15 11	4,24,434 1 11
c. Grass and other minor produce	...	7 8 0	...	115 4 8	...	...	122 12 8
TOTAL I	...	1,72,415 3 2	81,414 5 9	1,80,035 0 4	85,442 2 4	716 15 11	5,20,023 11 6
II.—TIMBER AND OTHER PRODUCE REMOVED FROM THE FORESTS BY CONSUMERS OR PURCHASERS—							
a. Timber	...	3,597 6 5	1,972 15 2	1,743 5 1	11,263 7 6	149 1 0	18 726 3 2
b. Firewood and charcoal	...	4,512 15 6	3,107 2 6	26,853 4 9	2,291 2 3	517 9 0	37,282 2 0
d. Grazing and fodder grass	...	10,888 14 6	8,353 10 6	17,962 10 7	11,374 8 3	2,642 0 0	51,221 11 10
e. Other minor produce	...	17,743 0 1	1,421 3 7	1,594 1 4	2,892 7 1	563 13 0	24,214 9 1
TOTAL II	...	36,742 4 6	14,914 15 9	48,153 5 9	27,821 9 1	3,812 7 0	1,31,444 10 1
III.—DRIFT AND WAIF WOOD AND CONFISCATED FOREST PRODUCE	...	13 0 5	...	693 11 7	...	...	706 12 0
TOTAL III	...	13 0 5	...	693 11 7	...	...	706 12 0
V.—MISCELLANEOUS—							
b. Refunds	1 8 0	3 3 0	25 2 9	7 15 0	31 3 8	...	69 0 5
c. Other sources	...	3,988 6 4	9,999 15 5	13,102 15 0	487 12 6	...	27,579 1 3
TOTAL V	1 8 0	3,991 9 4	10,025 2 2	13,110 14 0	519 0 2	...	27,648 1 8
GRAND TOTAL REVENUE	1 8 0	2,13,162 1 5	1,06,354 7 8	2,41,992 15 8	1,13,782 11 7	4,529 6 11	6,79,823 3 3
EXPENDITURE.							
A.—Conservancy and Works.							
I.—TIMBER AND OTHER PRODUCE REMOVED FROM THE FORESTS BY GOVERNMENT AGENCY—							
a. Timber	...	22,633 0 9	41 15 2	13,528 8 9	22,048 7 4	...	58,252 0 0
b. Firewood and charcoal	...	74,743 11 4	51,193 9 11	84,488 1 11	31,915 7 4	522 5 9	2,42,863 4 3
c. Grass and other minor produce	...	582 7 2	...	...	53 12 6	...	635 3 8
TOTAL A I	...	97,959 3 3	51,235 9 1	98,016 10 8	54,017 11 2	522 5 9	3,01,751 7 11
II.—TIMBER AND OTHER PRODUCE REMOVED FROM THE FORESTS BY CONSUMERS OR PURCHASERS	...	...	219 11 10	1 8 0	9 6 0	...	230 9 10
TOTAL A II	...	...	219 11 10	1 8 0	9 6 0	...	230 9 10
III.—DRIFT AND WAIF WOOD AND CONFISCATED FOREST PRODUCE	...	1 5 0	...	1 12 0	...	...	3 1 0
TOTAL A III	...	1 5 0	...	1 12 0	...	...	3 1 0
VI.—LIVE STOCK, STORES, TOOLS AND PLANT—							
a. Purchase of cattle	...	145 0 0	...	69 12 0	...	...	214 12 0
b. Feed and keep of cattle	...	5 5 6	...	48 3 0	...	...	53 8 6
c. Purchase of stores, tools and plant	51 0 0	0 12 0	38 10 6	241 15 5	150 11 0	...	483 0 11
TOTAL A VI	51 0 0	151 1 6	38 10 6	359 14 5	150 11 0	...	751 5 5
VII.—COMMUNICATIONS AND BUILDINGS—							
a. Roads and bridges	...	...	...	36 0 3	...	...	36 0 3
b. Buildings	...	719 15 7	360 14 10	443 1 5	169 11 2	...	1,693 11 0
TOTAL A VII	..	719 15 7	360 14 10	479 1 8	169 11 2	...	1,729 11 3
VIII.—ORGANIZATION, IMPROVEMENT, AND EXTENSION OF FORESTS—							
b. Cost of settlements; compensation for land and rights	...	...	...	...	1,903 4 1	...	1,903 4 1
c. Surveys	...	...	...	157 2 0	...	...	157 2 0
d. Working plans	...	50 5 0	305 0 0	10 10 0	14 10 3	...	380 9 3
e. Sowing and planting	...	925 1 4	22 6 6	2,443 8 11	1,021 9 6	...	4,412 10 3
g. Other works	...	1,388 14 0	577 4 10	62 12 0	885 7 8	302 5 0	3,216 11 6
TOTAL A VIII	...	2,364 4 4	904 11 4	2,674 0 11	3,824 15 6	302 5 0	10,070 5 1
IX.—MISCELLANEOUS—							
a. Law charges	...	...	...	5 10 0	...	...	5 10 0
b. Other charges	...	109 10 0	118 14 0	383 6 0	289 14 2	...	901 12 2
TOTAL A IX	...	109 10 0	118 14 0	389 0 0	289 14 2	...	907 6 2
TOTAL A.—CONSERVANCY AND WORKS	51 0 0	1,01,305 7 8	52,878 7 7	1,01,921 15 8	58,462 5 0	824 10 9	3,15,443 14 8
B.—Establishments.							
I.—SALARIES—							
b. Superior officers	10,780 5 2	4,050 0 0	5,695 6 0	3,053 3 7	8,615 11 7	...	32,194 10 4
c. Subordinate forest and depôt establishments	...	8,852 13 11	7,271 0 9	14,378 7 7	6,669 10 2	260 0 0	37,432 0 5
d. Office establishments	4,284 2 8	1,566 11 3	1,316 14 7	1,722 4 8	1,247 9 9	249 1 7	10,386 12 6
e. Deputation and special allowances	...	870 0 0	...	99 5 8	80 0 0	...	1,049 5 8
f. Exchange compensation allowance	551 13 0	...	1,061 7 5	...	...	...	1,613 4 5
TOTAL B I	15,616 4 10	15,339 9 2	15,344 12 9	19,253 5 6	16,612 15 6	509 1 7	82,676 1 4
II.—TRAVELLING ALLOWANCES—							
b. Superior officers	1,952 5 5	886 11 5	1,800 0 0	1,047 3 5	2,254 12 0	...	7,941 0 3
c. Subordinate forest and depôt establishments	3 1 0	789 3 0	677 1 5	956 10 3	741 7 2	120 0 0	3,287 6 10
d. Office establishments	1,268 11 4	573 3 3	420 0 0	667 14 4	418 1 3	...	3,347 14 2
TOTAL B II	3,224 1 9	2,249 1 8	2,897 1 5	2,671 12 0	3,414 4 5	120 0 0	14,576 5 3
III.—CONTINGENCIES—							
a. Stationery	13 12 9	87 3 11	75 7 9	259 7 9	89 11 0	5 11 0	531 6 2
b. Carriage of tents and records	308 14 6	126 12 0	129 9 7	127 10 0	164 15 9	...	857 13 10
c. Rents, Rates and Taxes	360 0 0	240 0 0	240 0 0	51 2 11	155 5 4	...	1,046 8 3
e. Official postage	154 15 9	250 5 6	271 14 0	587 0 9	254 15 3	10 0 0	1,529 3 3
f. Sundries	328 10 6	291 6 2	171 1 5	283 2 9	44 4 6	1 11 6	1,095 4 10
TOTAL B III	1,166 5 6	995 11 7	888 0 9	1,283 8 2	709 3 10	17 6 6	5,060 4 4
TOTAL B. ESTABLISHMENTS	20,006 12 1	18,584 6 5	19,129 14 11	23,208 9 8	20,736 7 9	646 8 1	1,02,312 10 11
GRAND TOTAL OF EXPENDITURE	20,057 12 1	1,19,889 14 1	72,008 6 6	1,25,130 9 4	79,198 12 9	1,471 2 10	4,17,756 9 7

No. F.-14819.

Forwarded to the Deputy Conservator of Forests, Sind Circle, under Section 267 of the Forest Department Code.

Office of the Accountant General, Bombay,
Dated 4th September 1895.

O. T. BARROW,
Accountant General.

FORM No. 61.

FOREST DEPARTMENT, SIND CIRCLE.

Summary of Revenue and Expenditure of the different Divisions for the Financial year 1894-95.

Budget Heads.	Direction.	Hyderabad Division.	Naushahro Division.	Sukkur Division.	Jerruck Division.	Thar and Parkar Division.	Total for the financial year 1894-95.	B Est
REVENUE.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
I.—TIMBER AND OTHER PRODUCE REMOVED FROM THE FORESTS BY GOVERNMENT AGENCY—								
a. Timber	...	47,764 3 8	718 11 0	20,847 10 3	27,483 9 10	...	96,814 2 9	
b. Firewood and charcoal	...	1,23,146 15 2	78,528 5 5	1,52,965 8 0	56,168 1 0	957 9 7	4,11,766 7 2	4
c. Grass and other minor produce	..	7 8 0	...	81 7 0	...	...	88 15 0	
TOTAL I	...	1,70,918 10 10	79,247 0 5	1,73,894 9 3	83,651 10 10	957 9 7	5,08,669 8 11	6
II.—TIMBER AND OTHER PRODUCE REMOVED FROM THE FORESTS BY CONSUMERS OR PURCHASERS—								
a. Timber	...	3,830 4 10	1,470 15 3	1,731 8 1	11,212 1 7	79 15 0	18,324 12 9	
b. Firewood and charcoal	...	4,354 14 3	3,086 3 0	27,692 2 9	2,288 1 3	471 7 0	37,892 12 3	
d. Grazing and fodder grass	...	11,045 14 6	8,340 12 6	17,212 0 5	11,207 12 9	2,576 0 0	50,382 8 2	
e. Other minor produce	..	16,030 6 5	2,188 14 10	1,587 5 6	3,219 3 0	213 13 0	23,239 10 9	
TOTAL II	...	35,261 8 0	15,086 13 7	48,223 0 9	27,927 2 7	3,341 3 0	1,29,839 11 11	1
III.—DRIFT AND WAIF WOOD AND CONFISCATED FOREST PRODUCE	...	22 6 5	..	687 9 7	...	...	710 0 0	
TOTAL III	...	22 6 5	...	687 9 7	...	...	710 0 0	
V.—MISCELLANEOUS—								
b. Refunds	...	...	151 12 0	1 15 2	3 0 9	...	156 11 11	
c. Other sources	...	3,612 11 8	8,653 10 7	11,201 12 3	716 7 1	...	24,184 9 7	
TOTAL V	..	3,612 11 8	8,805 6 7	11,203 11 5	719 7 10	...	24,341 5 6	
GRAND TOTAL REVENUE	..	2,09,815 4 11	1,03,139 4 7	2,34,008 15 0	1,12,298 5 3	4,298 12 7	6,63,560 10 4	7,
EXPENDITURE.								
A.—Conservancy and Works.								
I.—TIMBER AND OTHER PRODUCE REMOVED FROM THE FORESTS BY GOVERNMENT AGENCY—								
a. Timber	...	21,928 4 6	365 1 2	12,465 14 8	18,808 15 3	...	53,568 3 7	
b Firewood and charcoal	...	73,572 15 9	50,956 7 10	93,617 7 5	31,413 3 10	94 10 3	2,49,654 13 1	3,
e. Grass and other minor produce	...	482 7 2	...	...	54 14 6	..	537 5 8	
TOTAL A I	..	95,983 11 5	51,321 9 0	1,06,083 6 1	50,277 1 7	94 10 3	3,03,760 6 4	3,
II.—TIMBER AND OTHER PRODUCE REMOVED FROM THE FORESTS BY CONSUMERS OR PURCHASERS	...	...	221 5 10	0 8 0	9 6 0	...	231 3 10	
TOTAL A II	...	...	221 5 10	0 8 0	9 6 0	...	231 3 10	
III.—DRIFT AND WAIF WOOD AND CONFISCATED FOREST PRODUCE	...	1 5 0	...	...	...	...	1 5 0	
TOTAL A III	...	1 5 0	...	...	...	...	1 5 0	
VI.—LIVE-STOCK, STORES, TOOLS AND PLANT—								
a. Purchase of cattle	...	145 0 0	...	69 12 0	...	...	214 12 0	
b. Feed and keep of cattle	...	5 5 6	...	65 13 0	...	...	71 2 6	
c. Purchase of stores, tools and plant	51 0 0	19 8 0	39 6 6	214 14 5	150 11 0	...	475 7 11	
TOTAL A VI	51 0 0	169 13 6	39 6 6	350 7 5	150 11 0	...	761 6 5	
VII.—COMMUNICATIONS AND BUILDINGS—								
a. Roads and bridges	...	...	...	36 0 3	...	...	36 0 3	
b. Buildings	...	719 15 7	502 14 10	443 1 5	174 11 2	...	1,840 11 0	
TOTAL A VII	...	719 15 7	502 14 10	479 1 8	174 11 2	...	1,876 11 3	
VIII.—ORGANIZATION, IMPROVEMENT, AND EXTENSION OF FORESTS—								
a Demarcation	...	...	12 0 0	...	...	...	12 0 0	
b. Cost of settlements; compensation for land and rights	...	995 1 3	..	...	1,880 10 10	...	2,875 12 1	
c. Surveys	...	...	...	157 2 0	...	...	157 2 0	
d. Working-plans	...	415 4 6	302 6 0	2 14 0	10 14 3	...	731 6 9	
e. Sowing and planting	...	958 5 3	2 1 0	2,403 6 11	987 5 9	...	4,351 2 11	
f. Protection from fire	...	...	...	...	...	...	...	
g. Other works	...	1,341 1 4	491 4 0	62 12 0	901 9 10	100 0 0	2,896 11 2	
TOTAL A VIII	..	3,709 12 4	807 11 0	2,626 2 11	3,780 8 8	100 0 0	11,024 2 11	2
IX.—MISCELLANEOUS—								
b. Other charges	...	96 2 0	118 6 0	377 7 9	283 10 2	...	875 9 11	
TOTAL A IX	...	96 2 0	118 6 0	377 7 9	283 10 2	...	875 9 11	
TOTAL A.—CONSERVANCY AND WORKS	51 0 0	1,00,680 11 10	53,011 5 2	1,09,917 1 10	54,676 0 7	194 10 3	3,18,530 13 8	4,2
B.—Establishments.								
SALARIES—								
b. Superior officers	11,090 5 2	4,200 0 0	5,695 6 0	3,453 3 7	9,074 12 1	...	33,513 10 10	3
c. Subordinate forest and depôt establishments		8,926 14 4	7,496 3 3	14,522 3 8	6,891 13 1	240 0 0	37,777 2 4	4
d. Office establishments	4,234 2 8	1,542 9 7	1,325 0 3	1,729 13 4	1,271 0 0	159 1 7	10,261 11 5	1
e. Deputation and special allowances	...	760 0 0	...	99 5 8	280 0 0	...	1,139 5 8	
f. Exchange compensation allowance	1,034 13 9	...	956 1 2	...	...	...	1,990 14 11	
TOTAL B I	16,359 5 7	15,429 7 11	15,472 10 8	19,804 10 3	17,217 9 2	399 1 7	84,682 13 2	8
II.—TRAVELLING ALLOWANCES—								
b. Superior officers	1,742 0 0	961 11 5	1,800 0 0	1,029 2 2	2,364 14 6	...	7,897 12 1	
c. Subordinate forest and depôt establishments	3 1 0	792 11 0	755 10 11	1,019 3 3	697 1 0	110 0 0	3,377 11 2	
d. Office establishments	1,440 6 7	554 15 3	439 13 7	723 1 2	425 0 6	...	3,583 5 1	
TOTAL B II	3,185 7 7	2,309 5 8	2,995 8 6	2,771 6 7	3,487 0 0	110 0 0	14,858 12 4	1
III.—CONTINGENCIES—								
a. Stationery	16 0 3	87 15 11	76 3 9	203 13 6	89 13 0	4 15 0	478 13 5	
b. Carriage of tents and records	329 5 0	127 5 8	137 15 9	183 2 1	214 0 2	...	991 12 8	
c. Rents, rates and taxes	325 0 0	240 0 0	240 0 0	53 8 0	155 5 4	...	1,013 13 4	1
e. Official Postage	122 5 0	267 6 0	281 10 6	585 10 9	271 15 0	10 1 6	1,539 0 9	1
f. Sundries	324 12 0	293 7 11	175 1 9	260 8 9	115 14 10	1 11 6	1,171 8 9	1
TOTAL B III	1,117 6 3	1,016 3 6	910 15 9	1,286 11 1	847 0 4	16 12 0	5,195 0 11	6
TOTAL B.—ESTABLISHMENTS	20,662 3 5	18,755 1 1	19,379 2 11	23,862 11 11	21,551 9 6	525 13 7	1,04,736 10 5	1,10
GRAND TOTAL OF EXPENDITURE	20,713 3 5	1,19,435 12 11	72,390 8 1	1,33,779 13 9	76,227 10 1	720 7 10	4,23,267 8 1	5,31

No. F./13671.

Forwarded to the Deputy Conservator of Forests, Sind Circle, under Section 267 of the Forest Department Code.

Accountant General's Office,
Bombay 17th August 1895.

O. T. BARROW,

FORM No. 62.

FOREST DEPARTMENT, SIND CIRCLE.

Annual account current for the Forest year 1894-95.

	Rs. a. p.	Rs. a. p.
To opening Balance	...	191 14 9
VIII. Assessed Taxes—Income Tax—		
Deductions by Government from Salaries and Pensions	...	1,064 3 4
IX. Forest (as per summary)	...	6,79,823 3 3
Revenue Deposits (Forest)	...	1,238 5 6
Cheques and Bills (Departmental Cheques), Forest	...	3,70,676 13 5
Advances Recoverable—		
Forest Advances	2,08,710 14 4	
Objection Book Advances	2,557 8 10	
		2,11,268 7 2
Cash Recoveries	...	3,107 10 5
Forest Remittances—		
Remittances to Treasuries	0 0 10	
Inter-departmental Transfers	94 4 5	
		94 5 3
Bombay Uncovenanted Service F. P. Fund—		
Widows' Branch	...	320 10 0
Account between Bombay and P. W. D., Bombay—		
IV. Payments into Treasuries by Civil Officers on account of P. W. D.	...	317 9 4
Total ...		12,68,103 2 5

	Rs. a. p.	Rs. a. p.
1. Refunds and Drawbacks—Refunds—		
Divided Heads, Forest	...	1,156 6 9
11. Forest (as per summary)	...	4,17,756 9 7
19. Law and Justice—		
Jails, District Jails, Contingencies	...	512 1 10
Revenue Deposits (Forests)	...	927 2 0
Cheques and Bills (Forests Cheque cancelled)	...	1,090 0 0
Advances Recoverable—		
Forest Advances	1,59,158 5 9	
Objection Book Advances	1,090 14 2	
		1,60,249 3 11
Cash Recoveries	...	3,107 10 5
Forest Remittances—		
Remittances to Treasuries	3,45,568 1 8	
		3,45,568 1 8
Accounts Current—		
Account between Bombay and Military, Bombay—		
IV. Items adjustable by Military	...	38,913 15 10
Account between Bombay and P. W. D., Bombay (Ordinary Branches)—		
IV. Items adjustable by P. W. D.	...	2,226 13 10
Account between Bombay and P. W. D. (Railway Branch), N.-W. Railway—		
IV. Items adjustable by P. W. D.	2,77,678 11 1	
Baluchistan Railway—		
IV. Items adjustable by P. W. D.	71 4 0	
		2,77,749 15 1
Account between Bombay and Military, Bengal Western Circle—		
IV. Items adjustable by Military	...	17,411 0 5
Account between Bombay and P. W. D., Ordinary Branches (Bombay)—		
IV. Military Works	...	1,342 8 10
Closing Balance	...	91 8 3
Total ...		12,68,103 2 5

No. F. / 14813.

Forwarded to the Deputy Conservator of Forests, Sind Circle, under Section 267 of the Forest Department Code.

Accountant General's Office,
Bombay, 3rd September 1895.

O. T. BARROW,
Accountant General.

B 101—17

FORM No. 62.

FOREST DEPARTMENT, SIND CIRCLE.

Annual account current for the Financial year 1894-95.

	Rs. a. p.	Rs. a. p.
To opening Balance	...	129 7 6
VIII. Assessed Taxes—Income Tax—		
Deductions by Government from Salaries and Pensions	...	1,112 1 9
IX. Forest (as per summary)	...	6,63,560 10 4
Revenue Deposits (Forest)	...	1,179 4 0
Cheques and Bills (Departmental cheques), Forest	...	3,95,595 2 2
Advances Recoverable—		
Forest Advances	2,18,926 1 5	
Objection Book Advances	2,590 14 2	
		2,21,516 15 7
Cash Recoveries	...	3,113 15 4
Forest Remittances—		
Remittances to Treasuries	0 0 10	
Inter-departmental Transfers	94 4 5	
		94 5 3
Bombay Uncovenanted Service F. P. Fund—		
Widows' Branch	...	641 4 0
Account between Bombay and P. W. D., Bombay—		
IV. Payments into Treasuries by Civil Officers on account of P. W. D. ...	...	246 12 6
Total ...		12,87,189 14 5

	Rs. a. p.	Rs. a. p.
I. Refunds and Drawbacks—Refunds—		
Divided Heads, Forest	...	262 3 2
II. Forest (as per summary)	...	4,23,267 8 1
19. Law and Justice—		
Jails, District Jails, Contingencies	...	494 4 2
Revenue Deposits (Forests)	...	1,207 4 0
Cheques and Bills (Forests Cheque cancelled)	...	1,090 0 0
Advances Recoverable—		
Forest Advances	1,89,603 15 0	
Objection Book Advances	1,090 14 2	
		1,90,694 13 2
Cash Recoveries	...	3,113 15 4
Forest Remittances—		
Remittances to Treasuries	3,52,540 14 7	
		3,52,540 14 7
Accounts Current—		
Account between Bombay and Military, Bombay—		
IV. Items adjustable by Military	...	34,554 5 10
Military Works	...	1,342 8 10
Account between Bombay and P. W. D., Bombay (Ordinary Branches)—		
IV. Items adjustable by P. W. D.	...	2,889 8 4
Account between Bombay and P. W. D. (Railway Branch), N.-W. Railway—		
IV. Items adjustable by P. W. D.	...	2,50,274 7 1
Baluchistan Railway—		
IV. Items adjustable by P. W. D.	...	71 4 0
Account between Bombay and Military, Bengal Western Circle—		
IV. Items adjustable by Military	...	25,063 2 5
Closing Balance ...	...	323 11 5
Total ...		12,87,189 14 5

No. F. / 12989.

Forwarded to the Deputy Conservator of Forests, Sind Circle, under Section 267 of the Forest Department Code.

Accountant General's Office,
Bombay, 17th August 1895.

O. T. BARROW,
Accountant General.

FORM No. 63.

FOREST DEPARTMENT, SIND CIRCLE.

Revenue received and Outstandings on account of Revenue during the Forest year 1894-95.

Division.	Particulars.	Outstandings at commencement of year.	Value of sales and other Revenue during year.	Total.	Amount realized during year.	Balance due to the Department at end of year.	Remarks.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Sukkur ...	I.—Timber and other produce removed from the forests by Government agency—						
	(*a*) Timber	.....	20,075 15 10	20,075 15 10	20,075 15 10	.....	The outstandings under V.C. at the close of the year amount to Rs. 332-11-5.
	(*b*) Firewood and charcoal	27,048 9 8	1,33,145 8 9	1,60,194 2 5	1,59,843 11 10	350 6 7	
	(*c*) Grass and other minor produce	.....	115 4 8	115 4 8	115 4 8	.....	
	II.—Timber and other produce removed from the forests by consumers or purchasers—						
	(*a*) Timber	8 0 0	1,735 5 1	1,743 5 1	1,743 5 1	.....	
	(*b*) Firewood and charcoal	.....	26,853 4 9	26,853 4 9	26,853 4 9	.....	
	(*d*) Grazing and fodder grass	.....	17,962 10 7	17,962 10 7	17,962 10 7	.....	
	(*e*) Other minor produce	.....	1,719 12 10	1,719 12 10	1,594 1 4	125 11 6	
	III.—Confiscated drift and waif wood	.....	693 11 7	693 11 7	693 11 7	.....	
	Total ...	27,056 9 8	2,02,301 10 1	2,29,358 3 9	2,28,882 1 8	476 2 1	
Naushahro	I.—Timber and other produce removed from the forests by Government agency—						
	(*a*) Timber	.....	252 7 0	252 7 0	252 7 0	.....	The outstandings under V.C. at the close of the year amount to Rs. 194-15-7.
	(*b*) Firewood and charcoal	1,100 8 10	81,161 14 9	82,262 7 7	81,161 14 9	1,100 8 10	
	(*c*) Grass and other minor produce	.....	.....	.....	.....	.....	
	II.—Timber and other produce removed from the forests by consumers and purchasers—						
	(*a*) Timber	.....	1,972 15 2	1,972 15 2	1,972 15 2	.....	
	(*b*) Firewood and charcoal	.....	3,107 2 6	3,107 2 6	3,107 2 6	.....	
	(*d*) Grazing and fodder grass	.....	8,353 10 6	8,353 10 6	8,353 10 6	.....	
	(*e*) Other minor produce	.....	1,481 3 7	1,481 3 7	1,481 3 7	.....	
	III.—Confiscated drift and waif wood	.....	.....	.....	.....	.....	
	Total ...	1,100 8 10	96,329 5 6	97,429 14 4	96,329 5 6	1,100 8 10	
Hyderabad	I.—Timber and other produce removed from the forests by Government agency—						
	(*a*) Timber	266 12 0	46,599 1 2	46,865 13 2	46,153 5 8	712 7 6	
	(*b*) Firewood and charcoal	4,229 13 10	1,22,084 1 4	1,26,313 15 2	1,26,254 5 6	59 9 8	
	(*c*) Grass and other minor produce	.....	7 8 0	7 8 0	7 8 0	.....	
	II.—Timber and other produce removed from the forests by consumers or purchasers—						
	(*a*) Timber	.....	3,597 6 5	3,597 6 5	3,597 6 5	.....	
	(*b*) Firewood and charcoal	.....	4,512 15 6	4,512 15 6	4,512 15 6	.....	
	(*c*) Bamboos	.....	.....	.....	.....	.....	
	(*d*) Grazing and fodder grass	.....	10,888 14 6	10,888 14 6	10,888 14 6	.....	
	(*e*) Other minor produce	.....	18,249 4 1	18,249 4 1	17,743 0 1	506 4 0	
	III.—Confiscated drift and waif wood	.....	13 0 5	13 0 5	13 0 5	.....	
		96 9 10	2,05,952 3 5	2,10,448 13 3	2,09,170 8 1	1,278 5 2	

Jerruck ...						
I.—Timber and other produce removed from the forests by Government agency—						
(*a*) Timber ...	5,322 11 6	23,662 4 11	28,985 0 5	28,985 0 5	.....	The outstandings under V. C. at close of the year amount to Rs. 57-6-0.
(*b*) Firewood and charcoal ...	41 11 5	56,526 6 6	56,568 1 11	56,457 1 11	111 0 0	
(*c*) Grass and other minor produce ...	.....	.....	.....	.....	.....	
II.—Timber and other produce removed from the forests by consumers or purchasers—						
(*a*) Timber ...	.....	11,263 7 6	11,263 7 6	11,263 7 6	.....	
(*b*) Firewood and charcoal ...	.....	2,291 2 3	2,291 2 3	2,291 2 3	.....	
(*d*) Grazing and fodder grass ...	.....	11,374 8 3	11,374 8 3	11,374 8 3	.....	
(*e*) Other minor produce ...	.....	3,891 7 1	3,891 7 1	2,892 7 1	999 0 0	
III.—Confiscated drift and waif wood ...	.....	.....	.....	.....	.....	
Total ...	5,364 6 11	1,09,009 4 6	1,14,373 11 5	1,13,263 11 5	1,110 0 0	
Thar and Parkar...						
I.—Timber and other produce removed from the forests by Government agency—						
(*a*) Timber ...	.....	.....	.....	.....	.....	
(*b*) Firewood and charcoal ...	138 5 1	1,202 7 0	1,340 12 1	716 15 11	623 12 2	
(*c*) Grass and other minor produce ...	.....	.....	.....	.....	.....	
II.—Timber and other produce removed from the forests by consumers or purchasers—						
(*a*) Timber ...	.....	149 1 0	149 1 0	149 1 0	.....	
(*b*) Firewood and charcoal ...	.....	517 9 0	517 9 0	517 9 0	.....	
(*d*) Grazing and fodder grass ...	.....	2,642 0 0	2,642 0 0	2,642 0 0	.....	
(*e*) Other minor produce ...	.....	503 13 0	503 13 0	503 13 0	.....	
III.—Confiscated drift and waif wood ...	.....	.....	.....	.....	.....	
Total ...	138 5 1	5,014 14 0	5,153 3 1	4,529 6 11	623 12 2	
Total, Sind Circle ...						
I.—Timber and other produce removed from the forests by Government agency—						
(*a*) Timber ...	5,589 7 6	90,589 12 11	96,179 4 5	95,466 12 11	712 7 6	The outstandings under V. C. at close of the year amount to Rs. 585-1-0.
(*b*) Firewood and charcoal ...	32,559 0 10	3,94,120 6 4	4,26,679 7 2	4,24,434 1 11	2,245 5 3	
(*c*) Grass and other minor produce ...	.....	122 12 8	122 12 8	122 12 8	.....	
II.—Timber and other produce removed from the forests by consumers or purchasers—						
(*a*) Timber ...	8 0 0	18,718 3 2	18,726 3 2	18,726 3 2	.....	
(*b*) Firewood and charcoal ...	.....	37,282 2 0	37,282 2 0	37,282 2 0	.....	
(*d*) Grazing and fodder grass ...	.....	51,221 11 10	51,221 11 10	51,221 11 10	.....	
(*e*) Other minor produce ...	.....	25,845 8 7	25,845 8 7	24,214 9 1	1,630 15 6	
III.—Confiscated drift and waif wood ...	.....	706 12 0	706 12 0	706 12 0	.....	
Total ...	38,156 8 4	6,18,607 5 6	6,56,763 13 10	6,52,175 1 7	4,588 12 3	

Camp Sonda Forest,
25th November 1895.

F. R. DASAI,
Deputy Conservator of Forests,
Sind Circle.

FORM No. 63.

FOREST DEPARTMENT, SIND CIRCLE.

Revenue received and Outstandings on account of Revenue during the Financial year 1894-95.

Division.	Particulars.	Outstandings at commencement of year.	Value of sales and other Revenue during year.	Total.	Amount realized during year.	Balance due to the Department at end of year.	Remarks.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Sukkur ...	I.—Timber and other produce removed from the forests by Government agency—						
	(*a*) Timber	.....	20,847 10 3	20,847 10 3	20,847 10 3	.....	The outstandings under V. C. at close of the year amount to Rs. 720-0-1.
	(*b*) Firewood and charcoal	49 0 0	1,53,138 6 1	1,53,187 6 1	1,52,965 8 0	221 14 1	
	(*c*) Grass and other minor produce	.....	81 7 0	81 7 0	81 7 0	.....	
	II.—Timber and other produce removed from the forests by consumers or purchasers—						
	(*a*) Timber	8 0 0	1,723 8 1	1,731 8 1	1,731 8 1	.....	
	(*b*) Firewood and charcoal	.....	27,692 2 9	27,692 2 9	27,692 2 9	.....	
	(*d*) Grazing and fodder grass	.....	17,212 0 5	17,212 0 5	17,212 0 5	.....	
	(*e*) Other minor produce	.....	1,587 5 6	1,587 5 6	1,587 5 6	.....	
	III.—Confiscated drift and waif wood	.....	687 9 7	687 9 7	687 9 7	.....	
	Total ...	57 0 0	2,22,970 1 8	2,23,027 1 8	2,22,805 3 7	221 14 1	
Naushahro.	I.—Timber and other produce removed from the forests by Government agency—						
	(*a*) Timber	.....	718 11 0	718 11 0	718 11 0	.....	The outstandings under V. C. at close of the year amount to Rs. 112.
	(*b*) Firewood and charcoal	505 6 8	79,123 7 7	79,628 14 3	78,528 5 5	1,100 8 10	
	(*c*) Grass and other minor produce	.....	.....	.....	.....	.....	
	II.—Timber and other produce removed from the forests by consumers or purchasers—						
	(*a*) Timber	.....	1,470 15 3	1,470 15 3	1,470 15 3	.....	
	(*b*) Firewood and charcoal	.....	3,086 3 0	3,086 3 0	3,086 3 0	.....	
	(*d*) Grazing and fodder grass	.....	8,340 12 6	8,340 12 6	8,340 12 6	.....	
	(*e*) Other minor produce	.....	2,188 14 10	2,188 14 10	2,188 14 10	.....	
	III.—Confiscated drift and waif wood	.....	.....	.....	.....	.....	
	Total ...	505 6 8	94,929 0 2	95,434 6 10	94,333 14 0	1,100 8 10	
Hyderabad.	I.—Timber and other produce removed from the forests by Government agency—						
	(*a*) Timber	615 2 2	47,177 3 0	47,792 5 2	47,764 3 8	28 1 6	
	(*b*) Firewood and charcoal	227 7 2	1,23,123 0 0	1,23,350 7 2	1,23,146 15 2	203 8 0	
	(*c*) Grass and other minor produce	.....	7 8 0	7 8 0	7 8 0	.....	
	II.—Timber and other produce removed from the forests by consumers or purchasers—						
	(*a*) Timber	.....	3,875 4 10	3,875 4 10	3,830 4 10	45 0 0	
	(*b*) Firewood and charcoal	.....	4,354 14 3	4,354 14 3	4,354 14 3	.....	
	(*c*) Bamboos	.....	.....	.....	.....	.....	
	(*d*) Grazing and fodder grass	.....	11,045 14 6	11,045 14 6	11,045 14 6	.....	
	(*e*) Other minor produce	.....	16,030 6 5	16,030 6 5	16,030 6 5	.....	
	III.—Confiscated drift and waif wood	.....	22 6 5	22 6 5	22 6 5	.....	
	Total ...	842 9 4	2,05,636 9 5	2,06,479 2 9	2,06,202 9 3	276 9 6	

Jerruck ...						
I.—Timber and other produce removed from the forests by Government agency—						
(*a*) Timber	2,772 0 7	24,711 9 3	27,483 9 10	27,483 9 10	.....	The outstandings under V. C. at close of the year amount to Rs. 57-6-0.
(*b*) Firewood and charcoal	557 8 0	55,673 9 0	56,231 1 0	56,168 1 0	63 0 0	
(*c*) Grass and other minor produce	.....	.....	.....	.....	.....	
II.—Timber and other produce removed from the forests by consumers or purchasers—						
(*a*) Timber	.....	11,212 1 7	11,212 1 7	11,212 1 7	.....	
(*b*) Firewood and charcoal	.....	2,288 1 3	2,288 1 3	2,288 1 3	.....	
(*d*) Grazing and fodder grass	.....	11,207 12 9	11,207 12 9	11,207 12 9	.....	
(*e*) Other minor produce	.....	3,219 3 0	3,219 3 0	3,219 3 0	.....	
III.—Confiscated drift and waif wood	.....	.....	.....	.....	.....	
Total ...	3,329 8 7	1,08,312 4 10	1,11,641 13 5	1,11,578 13 5	63 0 0	
Thar and Parkar...						
I.—Timber and other produce removed from the forests by Government agency—						
(*a*) Timber	.....	.....	.....	.....	.....	
(*b*) Firewood and charcoal	819 4 6	138 5 1	957 9 7	957 9 7	.....	
(*c*) Grass and other minor produce	.....	.....	.....	.....	.....	
II.—Timber and other produce removed from the forests by consumers or purchasers—						
(*a*) Timber	.....	79 15 0	79 15 0	79 15 0	.....	
(*b*) Firewood and charcoal	.....	471 7 0	471 7 0	471 7 0	.....	
(*d*) Grazing and fodder grass	.....	2,576 0 0	2,576 0 0	2,576 0 0	.....	
(*e*) Other minor produce	.....	213 13 0	213 13 0	213 13 0	.....	
III.—Confiscated drift and waif wood	.....	.....	.....	.....	.....	
Total ...	819 4 6	3,479 8 1	4,298 12 7	4,298 12 7	.....	
Total, Sind Circle ...						
I.—Timber and other produce removed from the forests by Government agency—						
(*a*) Timber	3,387 2 9	93,455 1 6	96,842 4 3	96,814 2 9	28 1 6	The outstandings under V. C. at close of the year amount to Rs. 889-6-1.
(*b*) Firewood and charcoal	2,158 10 4	4,11,196 11 9	4,13,355 6 1	4,11,766 7 2	1,588 14 11	
(*c*) Grass and other minor produce	.....	88 15 0	88 15 0	88 15 0	.....	
II.—Timber and other produce removed from the forests by consumers or purchasers—						
(*a*) Timber	8 0 0	18,316 12 9	18,324 12 9	18,324 12 9	.....	
(*b*) Firewood and charcoal	.....	37,937 12 3	37,937 12 3	37,892 12 3	45 0 0	
(*d*) Grazing and fodder grass	.....	50,382 8 2	50,382 8 2	50,382 8 2	.....	
(*e*) Other minor produce	.....	23,239 10 9	23,239 10 9	23,239 10 9	.....	
III.—Confiscated drift and waif wood	.....	710 0 0	710 0 0	710 0 0	.....	
Total ...	5,553 13 1	6,35,327 8 2	6,40,881 5 3	6,39,219 4 10	1,662 0 5	

Camp Sonda Forest,
25th November 1895.

F. R. DASAI,
Deputy Conservator of Forests,
Sind Circle.

FORM No. 64.

FOREST DEPARTMENT, SIND CIRCLE.

Outstandings and Liabilities on account of Contractors and Disbursers for the Forest Year 1894-95.

Division.	DEPARTMENT DEBTOR.			DEPARTMENT CREDITOR.			BALANCE DUE.		Remarks.
	At commencement of Forest year, June 1894 to July 1895.	Recoveries in cash and value of supplies and work done during Forest year 1894-95.	At close of Forest year 1894-95.	At commencement of Forest year 1894-95.	Payments made during Forest year 1894-95.	At close of Forest year 1894-95.	To Department (outstandings).	By Department (liabilities).	
Contractors.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Hyderabad	.....	5,536 2 0	5,536 2 0	6,558 13 4	1,100 0 0	7,658 13 4	2,122 11 4	.....	
Naushahro	.....	850 0 0	850 0 0	600 0 0	250 0 0	850 0 0	.....	.....	
Sukkur	.....	17,805 6 6	17,805 6 6	900 0 0	16,905 6 6	17,805 6 6	.....	.....	
Jerruck	.....	13,393 13 1	13,393 13 1	12,600 0 0	13,725 0 0	26,325 0 0	12,931 2 11	.....	
Total Contractors ...	.....	37,585 5 7	37,585 5 7	20,658 13 4	31,980 6 6	52,639 3 10	15,053 14 3	.....	
Disbursers.									
Hyderabad	.....	60,323 15 7	60,323 15 7	19,185 10 10	52,729 8 3	71,915 8 1	11,591 3 6	.....	
Naushahro	.....	50,510 10 6	50,510 10 6	20,753 7 4	38,093 14 0	58,847 5 4	3,336 10 10	.....	
Sukkur	.....	35,576 9 3	35,576 9 3	29,748 0 3	16,404 9 2	46,152 9 5	10,576 0 2	.....	
Jerruck	.....	24,714 5 5	24,714 5 5	11,792 3 3	19,949 15 10	31,742 3 1	7,027 13 8	.....	
Total Disbursers ...	.....	1,71,125 8 9	1,71,125 8 9	81,479 5 8	1,27,177 15 3	2,08,657 4 11	37,531 12 2	.....	
GRAND TOTAL ...	.....	2,08,710 14 4	2,08,710 14 4	1,02,138 3 0	1,59,158 5 9	2,61,296 8 9	52,585 10 5	.....	

No. F./14814.

Forwarded to the Deputy Conservator of Forests, Sind Circle, under Section 267 of the Forest Department Code.

Accountant General's Office,
Bombay, 3rd September 1895.

O. T. BARROW,
Accountant General.

FORM No. 64.

FOREST DEPARTMENT, SIND CIRCLE.

Outstandings and Liabilities on account of Contractors and Disbursers for the Financial year 1894-95.

Division.	Department Debtor.			Department Creditor.			Balance due.		Remarks.
	At commencement of year.	Recoveries in cash and value of supplies and work done during year.	At close of year.	At commencement of year.	Payments made during year.	At close of year.	To Department (outstandings).	By Department (liabilities).	
Contractors.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Hyderabad	.....	5,453 7 10	5,453 7 10	2,705 6 8	5,010 0 0	7,715 6 8	2,261 14 10	.....	
Naushahro	.....	850 0 0	850 0 0	.....	850 0 0	850 0 0	.....	.....	
Sukkur	.....	21,805 6 6	21,805 6 6	.....	21,805 6 6	21,805 6 6	.....	.....	
Jerruck	.....	13,393 13 1	13,393 13 1	600 0 0	13,025 0 0	13,625 0 0	231 2 11	.....	
Total Contractors ...	.....	41,502 11 5	41,502 11 5	3,305 6 8	40,690 6 6	43,995 13 2	2,493 1 9	.....	
Disbursers.									
Hyderabad	.....	60,499 4 4	60,499 4 4	13,926 5 0	55,669 14 4	69,596 3 4	9,096 15 0	.....	
Naushahro	.....	50,820 7 11	50,820 7 11	11,712 2 10	40,842 9 2	52,554 12 0	1,734 4 1	.....	
Sukkur	.....	42,298 2 2	42,298 2 2	23,635 11 2	29,888 9 2	53,524 4 4	11,226 2 2	.....	
Jerruck	.....	23,805 7 7	23,805 7 7	6,370 6 7	22,512 7 10	28,882 14 5	5,077 6 10	.....	
Total Disbursers ...	.....	1,77,423 6 0	1,77,423 6 0	55,644 9 7	1,48,913 8 6	2,04,558 2 1	27,134 12 1	.....	
GRAND TOTAL ...	.....	2,18,926 1 5	2,18,926 1 5	58,950 0 3	1,89,603 15 0	2,48,553 15 3	29,627 13 10	.....	

No. F. 12982.

Forwarded to the Deputy Conservator of Forests, Sind Circle, under Section 267 of the Forest Department Code.

Accountant General's Office,
Bombay, 17*th August* 1895.

O. T. BARROW,
Accountant General.

FORM No. 65.

Forest Department, Sind Circle.

Financial results of the Forest year 1894-95.

Division.	Timber and other produce removed from the Forest by Government agency.		Other Revenue.		Formation, protection and improvement of Forests.	Total.		Remarks.
	Receipts.	Charges.	Receipts.	Charges.	Charges.	Receipts.	Charges.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Sukkur	1,80,035	1,08,620	61,960	10,419	13,280	2,41,995	1,32,319	
Naushahro	81,414	58,843	24,940	7,807	8,517	1,06,354	75,167	
Hyderabad	1,72,415	1,06,618	40,747	8,578	11,025	2,13,162	1,26,221	
Jerruck	85,442	62,284	28,341	8,199	12,096	1,13,783	82,579	
Thar and Parkar	717	738	3,812	215	518	4,529	1,471	
Total ...	5,20,023	3,37,103	1,59,800	35,218	45,436	6,79,823	4,17,757	

Camp Sonda Forest,
25th November 1895.

F. R. DASAI,
Deputy Conservator of Forests,
Sind Circle.

FORM No. 65.

FOREST DEPARTMENT, SIND CIRCLE.

Financial results of the Financial year 1894-95.

Divisions.	TIMBER AND OTHER PRODUCE REMOVED FROM THE FORESTS BY GOVERNMENT AGENCY.		OTHER REVENUE.		FORMATION, PROTECTION AND IMPROVEMENT OF FORESTS.	TOTAL.		REMARKS.
	Receipts.	Charges.	Receipts.	Charges.	Charges.	Receipts.	Charges.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Sukkur	1,73,894	1,16,951	60,115	10,635	13,496	2,34,009	1,41,132	
Naushahro	79,247	59,088	23,892	7,965	8,578	1,03,139	75,631	
Hyderabad	1,70,919	1,04,792	38,896	8,717	12,519	2,09,815	1,26,028	
Jerruck	83,652	58,866	28,646	8,519	12,372	1,12,298	79,757	
Thar and Parkar	958	269	3,341	175	276	4,299	720	
Total ...	5,08,670	3,39,966	1,54,890	36,061	47,241	6,63,560	4,23,268	

Camp Sonda Forest,
25th November 1895.

F. R. DASAI,
Deputy Conservator of Forests,
Sind Circle.

Forest Administration Reports of the Bombay Presidency, including Sind, for 1894-95, and the Annual Report of the Bombay Forest Survey for the year ending 30th September 1895.

No. 5068 OF 1896.

REVENUE DEPARTMENT.

Bombay Castle, 29th June 1896.

Letter from the Survey Commissioner and Director of Land Records and Agriculture, No. S.—2823, dated 26th November 1895—Submitting, with his remarks, the Annual Report of the Bombay Forest Survey for the year ending 30th September 1895.

Memorandum from the Commissioner, C. D., No. R.—5168, dated 19th December 1895—Forwarding, with his remarks, a letter No. 5844, dated 13th idem, from the Conservator of Forests, C. C., who submits the Forest Administration Report of the Central Circle for the year 1894-95.

Memorandum from the Commissioner, N. D., No. 198, dated 18th January 1896—Forwarding, with his remarks, a letter No. 3164, dated 19th December 1895, from the Deputy Conservator of Forests, N. C., who submits the Forest Administration Report of the Northern Circle for the year 1894-95.

Memorandum from the Commissioner, S. D., No. 250, dated 21st January 1896—Forwarding, with his remarks, a letter No. 4944, dated 2nd November 1895, from the Conservator of Forests, S. C., who submits the Forest Administration Report of the Southern Circle for the year 1894-95.

Memorandum from the Commissioner in Sind, No. 1129, dated 31st March 1896—Forwarding, with his remarks, a letter No. 2906, dated 25th November 1895, from the Deputy Conservator of Forests, Sind Circle, who submits the Forest Administration Report of the Sind Circle for the year 1894-95.

RESOLUTION.—There has been a most unsatisfactory delay in the submission of these reports to Government, and the reasons have not been adequately explained. In particular the Sind Report was not received from the Commissioner till the 4th April, more than 4½ months after the prescribed date. Government must insist upon greater punctuality from all officers concerned.

Forest area.

2. The following statement shows the changes which have taken place in the forest area during the year under review :—

Circle.	Area on 1st July 1894.		Added.		Excluded.		Area on 30th June 1895.		Total Forest Area.
	Reserved.	Protected.	Reserved.	Protected.	Reserved.	Protected.	Reserved.	Protected.	
	Sq. Miles.	Sq. Miles.	Sq. Miles.	Sq. Miles.	Sq. Miles.	Sq. Miles.	Sq. Miles.	Sq. Miles.	Sq. Miles.
Northern Circle ...	*1,104 369/640	603 429/640	81 638/640	...	4 228/640	154 111/640	1,182 139/640	449 318/640	1,631 457/640
Central do. ...	6,145 198/640	12 154/640	164 197/640	6/640	4 183/640	30/640	6,305 212/640	12 130/640	6,317 342/640
Southern do. ...	2,470 577/640	2,901 60/640	350 212/640	...	1 312/640	403 186/640	2,819 477/640	2,497 514/640	5,317 351/640
Sind do. ...	976 483/640	4 555/640	79 236/640	...	59 185/640	183/640	996 534/640	4 372/640	1,001 266/640
Total ...	10,697 347/640	3,521 558/640	676 3/640	6/640	69 268/640	557 510/640	11,304 82/640	2,964 54/640	14,268 136/640

* Excluding the area of the leased forests in the Dángs, which is given at 678½ square miles.

The changes in the Northern Circle were practically confined to Thána. The demarcation and settlement of that district will shortly be completed, and when the revision demarcation of the Mándvi Táluka of Surat is finished, the permanent forest area of the Northern Circle will have been determined. In the Central Circle the only change of importance was the addition of 143 square miles to Reserved Forest in West Khándesh, owing to the final notification of

lands previously selected. In the Southern Circle large areas in Belgaum and Dhárwár and a smaller area in Kolába were converted from Protected into Reserved, while 44 square miles of newly selected lands were also added to the Reserved area in the same districts. In view of the comparatively small aggregate area of the Sind Forests the changes in each of the four Forest Divisions were considerable. In Sukkur they resulted in a net loss of 43 square miles. Mr. Desái's comment on the exclusion of a large area in the Rohri Táluka should not have found a place in an Administration Report, more particularly as it was approved by all the officers responsible for considering it including his predecessor and sanctioned by the Government of India. In Naushahro the improvement of irrigation deprived a considerable area of the necessary moisture which it formerly got from the waste water of the Indus, but it was replaced by a much larger area of more promising alluvial lands. In Jerruck the additions comprise lands in the delta of the Indus which, though of little use at present, are likely to prove valuable in the future: but the largest accessions were in Hyderabad, where well considered selections have helped to complete a long line of forest contiguous to the left bank of the Indus. The net effect of alluvion and diluvion on the aggregate area was not considerable, but as usual wood of material value was lost with the eroded lands. The remarks made on this point in paragraph 6 of the Commissioner's memorandum should receive very careful attention from the Deputy Conservator in charge of the Circle. It seems clear that both loss of much forest produce and expense to another Department would be saved by timely action.

Settlement.

3. The settlement work of the Northern Circle was practically confined to the Thána District. Progress was somewhat hampered by the ill-health and other duties of the Settlement Officer, but it is hoped that the work there as well as the revision work unfortunately found necessary in the Mándvi forests of Surat will be practically completed at the end of the current year. The reports do not show clearly what settlement work was done in the Central and Southern Circles, and in future the Conservators should adopt the form used in paragraph 14 of Mr. Wroughton's report. What remains to be done however in these Circles except in Kánara is only of a fragmentary nature. In Sind the work was brought so near to completion that the Forest Settlement Office was closed. Some areas however remained for final notification after enquiry into rights, which will be made by the Revenue officers.

Demarcation.

4. The following statement compares the length of boundary demarcated and the cost with those of the preceding year:—

Circle.	1893-94.		1894-95.	
	Length in miles of boundary lines cleared.	Cost of erecting cairns.	Length in miles of boundary lines cleared.	Cost of erecting cairns.
	Miles.	Rs.	Miles.	Rs.
Northern Circle	139½	3,738	105	3,157
Central do.	1,030	8,411	833	7,873
Southern do.	75	1,894	98	898
Sind do.	Not given	Not given.	Not given.	Not given.

In Government Resolution No. 4192, dated 4th June 1895, Government commented unfavourably on the progress made in this important matter in 1893-94. In the year under review still less was done, and no explanation has been offered. Moreover it is not shown how much of this work remained to be done, but it would appear that except in Kánara there is no reason why it should not be expeditiously completed. In next year's reports information should be given on this point. It is observed that in both years the average

cost per mile was within Rs. 12, and the Conservator, N. C., should explain why the cost per mile in the Panch Mahâls was nearly Rs. 100. In Sind for reasons which are accepted as satisfactory no demarcation was done: it is hoped that the work will be energetically carried on by the Forest officer now specially deputed for the purpose.

Survey.

5. The work of the Forest Survey Party during the year under review is shown below :—

Circle.	Triangulation.	Traversing.	Detail Survey.
	Sq. Miles.	Sq. Miles.	Sq. Miles.
Northern Circle ...	155	200	55·51
Central do. ...	.....	.....	296·62
Southern do. ...	875	75	116·69

The survey was continued on the same* scales as in former years. It is satisfactory to note that except in North Kánara, where the difficult nature of the country accounts for a high rate, the cost per square mile of every kind of work has diminished, and the cost of topography on the 16″ scale is even less than that of the 8″ scale, the decrease however being mainly due to the absence of European supervision. The suggestion of the Commissioner, S. D., that the progress made in the various branches of the work should be shown in a sketch attached to the report should be adopted. Government regret to learn of the heavy and long-standing arrears of the work of printing maps in the Poona Photozincographic Office, and it is hoped that there will be no further cause to complain on this account. The Governor in Council notices with satisfaction the Survey Commissioner's commendation of the close supervision of the party by Lieutenant-Colonel Hobday. Provision has been made in the Budget for 1896-97 for the increase of the subordinate establishment recommended, and it is hoped that further economy in working may thus be attained. In Sind Topographical Sheets of the Indus Riverain Survey are being gradually supplied for the riparian forest tracts.

*Bábul Reserves ... 16″
Teak areas... ... 8″
Others ... ... 4″

Working Plans.

6. In the Northern Circle a working plan for the Bhiwndi Range was formally sanctioned, and schemes for three other ranges were under preparation. Two hundred and seventy-five additional coupes were marked out in Thána, but the demarcation of a very large number of coupes still remains to be made, and Government are glad to learn that the Superintendent, Forest Surveys, promises to co-operate in the completion of this work. In the Central Circle working plans for two ranges were completed and for two more were under preparation : two hundred and seventy-two coupes were marked out on the ground by the Special Working Plans Officer, and 161 more by Divisional Forest Officers ; at the end of the year, however, the proportion of forest under systematic management was only 18·2 per cent. of the total area. Two parties were at work in the Southern Circle : the first finished the preparation of a scheme for Kolába ; the second was employed in Kánara, but owing to the difficult nature of the country as well as its unhealthiness progress was slow. These conditions however existed also in the previous year, and the explanation offered of a considerable decline in the outturn of work is hardly adequate. On the question of the method of organizing the teak forests in Kánara, to which Mr. MacGregor refers, it is unnecessary to say more. The work must now be completed in the manner in which it has hitherto been carried on, and probably there are no forests in India for which elaboration is more justifiable. It is satisfactory however to find that Mr. MacGregor anticipates a considerable decrease in the cost of organization in future years. In Sind little progress in the division of the forests into compartments was made during the year, both surveyors and labourers being difficult to obtain owing to the great demand for their services elsewhere. There are at present no work-

ing plans for this province, but a Special Working Plans Establishment has lately been sanctioned, and provision made for it in the Budget for 1896-97.

Buildings and Roads.

7. There was no important expenditure upon buildings in any Circle during the course of the year, and among improvements to communications the only work calling for mention was the completion by the Public Works Department of the Jakraibari Ghát road, which connects the Dángs with Khándesh and should render easier the exploitation of the Dáng Forests.

General Protection.

8. The following statement shows the number and result of prosecutions for forest offences, the action taken under Section 67 of the Forest Act, and the number of animals impounded in the year under review and the previous year :—

Circle.	1893-94.							
	Prosecutions.	Acquittals.	Percentage of failures.	Cases compounded.	Amount realised.	Number of animals impounded for trespass in closed area.	Number of animals impounded for grazing in open area without passes.	Total of columns 7 and 8.
1	2	3	4	5	6	7	8	9
					Rs. a. p.			
Northern Circle	230	89	38·7	244	758 3 3	7,215	2,122	9,337
Central do.	1,437	295	20·5	926	1,790 0 0	188,584	106,185	294,769
Southern do.	499	143	28·65	361	1,176 0 0	5,386	8,206	13,592
Sind do.	39	14	35·9	171	528 0 0	14,129	7,542	21,671
Total ...	2,205	541	24·53	1,702	4,252 3 3	215,314	124,055	339,369

Circle.	1894-95.							
	Prosecutions.	Acquittals.	Percentage of failures.	Cases compounded.	Amount realised.	Number of animals impounded for trespass in closed area.	Number of animals impounded for grazing in open area without passes.	Total of columns 7 and 8.
1	2	3	4	5	6	7	8	9
					Rs. a. p.			
Northern Circle	324	94	29	451	2,091 7 9	7,868	2,671	10,539
Central do.	1,716	341	19·8	1,458	5,041 0 0	222,516	115,402	337,918
Southern do.	407	72	17·7	416	1,571 0 0	10,778	7,654	18,432
Sind do.	46	21	46	172	459 0 0	1,6918	6,070	22,988
Total ..	2,493	528	21·1	2,497	9,162 7 9	258,080	131,797	389,877

The total number of prosecutions increased by 288, the number of cases compounded by 795, and the number of cattle impounded by over 50,000. It is, however, satisfactory to notice that there was a decrease in the proportion of acquittals to convictions. There was a large increase in Sind in the proportion of failures to cases sent for trial, but the total number of prosecutions—46—was too small to warrant any inference from the proportion.

Grass and grazing.

9. The working of the Grazing Rules is a subject regarding which reports are still awaited from almost all districts, and until these reports are considered the Governor in Council does not wish to record any definite conclusions. But he cannot regard without concern the very large increase in the number of animals impounded and the fact that most of the prosecutions and proceedings under Section 67 of the Forest Act are on account of illicit grazing. The enormous proportion of cases of all these classes occurring in the Central Circle

continues to be a prominent feature of the figures. Some reasons for this fact were indicated in paragraph 8 of Government Resolution No. 4192, dated 4th June 1895, and another is pointed out by the Commissioner, S. D., that trespass is more easily detected in the sparse forest which prevails in the Central Circle than in the dense jungles of Kánara and Belgaum. But it cannot but be a matter for regret that so large a number of animals as is shown in the table above was impounded. The comparison of the number with that of animals impounded for trespassing on private lands is of little use, for the area of occupied lands is immensely in excess of the area of forest, and the protection of forest does not stand on the same footing as the protection of crops. It must be remembered that no effectual conservation is possible if the people generally are in antipathy to it, and that much irritation to a large number of people must be caused by so extensive impounding as is shown. The fact that out of 11,807 cases dealt with under Section 67—most of them on account of illicit grazing—the offenders were dismissed with a warning in no fewer than 10,349, shows that there is a desire to treat the people leniently, and the probability is that without some alteration in the system of dealing with the forest areas there will be no material decrease in the number of cases of illicit grazing. The table shows that trespass in closed areas is very much more common than grazing without passes in open areas. Now the areas closed and open are given as follows :—

Circle.	Closed.	Open.	
	Sq. Miles.	Sq. Miles.	
Northern Circle	290	*1,982	* Including the area of the leased forest in the Dángs which is 678½ square miles.
Central do.	1,951	4,366	
Southern do.	852	4,520	
Sind do.	54	947	

On the one hand it is clear that the forest open to grazing, if it is suitably situated, is ample for the purpose, but on the other hand there can be little doubt that the forest shown to be closed is larger than the establishment can by any possibility effectually close. This is particularly the case in the Central Circle where the proportion of closed forest is very high, and there is some evidence that there is no great difference in parts of that Circle between the areas considered to be open and those considered to be closed. In preparing the reports on the working of the Grazing Rules the Collectors should consider this point very carefully. Unless closure can be made effectual it is better not to attempt it. The impounding of or prosecution on account of a very small proportion of the cattle which trespass does harm and not good. Closure in the immediate vicinity of occupied land is scarcely practicable without fences, and elsewhere areas which it is considered necessary to close should be very clearly demarcated so that the owners of animals may have full means of knowing where grazing is prohibited. It is worthy of remark that the receipts from grazing fees and from the sale of grass amount to more than one-half of the gross revenue of the Central Circle, as will appear from the figures given in paragraph 15. Apparently therefore the great bulk of the forest area in that Circle is in its present condition of more use for the supply of fodder than for the supply of wood, and that circumstance should be duly considered in proposing measures for the management of it. His Excellency in Council has noted with satisfaction the judicious instructions regarding the opening to grazing of exploited compartments issued by the Deputy Conservator in charge of Sind Circle, and the system of roughly fencing compartments under reproduction which prevails in that province is suitable.

10. The number of agricultural cattle allowed to graze free was as follows :—

Circle.	Number of Agricultural cattle allowed to graze free.	
	1893-94.	1894-95.
Northern Circle	303,778	303,869
Central do.	363,977	409,546
Southern do.	73,673	91,528
Sind do.	14,849	15,715

It will be observed that there was an increase in every Circle.

Protection from fire.

11. The figures given regarding forest fires are at best only approximately accurate. Only 1·1 per cent. of the protected area in West Thána is reported to have been burnt, but in East Thána the proportion was 6 per cent.; the damage done was very serious, and as it seems that many of the fires are deliberately caused it will be considered, in the event of the special protective establishment lately sanctioned proving unable to cope with the evil, whether some of the more drastic measures suggested should not be carried out. In Surat, including the Dángs, no less than 93·6 per cent. of the area protected was burnt over, but though Mr. Wallinger's energetic efforts to save the large forest block of the Mándvi Range eventually resulted in failure, he has shown grounds for believing that a system of fire tracing properly organized and strenuously worked is capable of effecting the object in view. In the Panch Maháls 9·5 per cent. of the area protected is shown to have been burnt, but it is hoped that with more methodical management this percentage may be considerably reduced. The difficulty of fire protection in the wild and unhealthy region of the Dángs is appreciated by His Excellency the Governor in Council, but he has confidence that the Conservator will not relax his efforts in this valuable teak tract. In the Central Circle the area burnt increased from 3 to 5 per cent. of the area protected, and this is ascribed to the unusual dryness of the year. By far the largest area burnt (acres 138,981) was in West Khándesh. The Conservator makes no comment upon the remarks offered by the Collector on this subject, but the experiment Mr. Cumine suggests seems well worth trying in some specially selected area such as the slopes of the Sátpudas. In the Southern Circle the slight decrease in the proportion under fire protection to the total area of Reserves is due to the conversion of 305 square miles of Protected into Reserved Forest. There was an increased expenditure upon protection, but the dryness of the year occasioned an increase of the area burnt. It is noticed that the fires in the Southern Circle, and more especially in Belgaum, are ascribed largely to deliberate incendiarism on the part of people anxious to get an early supply of grass, or to procure ashes for their fields. In this connection attention is drawn to Government Resolution No. 1942, dated 24th March 1888, and the penalty prescribed should be enforced, subject to the precaution directed, where it is beyond doubt that fires are due to wilful mischief. In Sind the fire protection operations were attended with gratifying results, the area burnt (acres 3,544) being less than half that of the previous year. This is ascribed partly to the exceptionally high inundation of the Indus, which by producing a luxuriant growth of grass removed the temptation to cattle owners to set fire to the forests, but partly also, and more especially in Jerruck, to the energy and vigilance of the local Forest officers.

Improvement.

12. Natural reproduction seems to have been normal except in the Southern Circle, where it was retarded by drought, and in Sind, where it was favoured by the high inundation extending to areas not usually flooded. This effect is attended with some disadvantages as the silt deposit in some places buries all vegetation, but the advantages considerably outweigh the disadvantages, and where, as in Jerruck, annually recurring floods have prevented young growth, systematic planting can be adopted. The observations of the Conservator, N. C., on the

disastrous effects of annual fires upon seedlings show the great importance of fire protection. The remarks of Mr. Hight quoted by the Conservator, C. C., are of especial value as a result of actual observation that though improvement may be slow, it is steady. The natural reproduction by seed in the fuel forests used for the supply of the railway in the Southern Circle is a satisfactory feature and the Conservator should consider whether special steps cannot be taken to encourage the growth of the more valuable timber trees referred to.

13. The information given regarding artificial reproduction in the Northern and Central Circles is scanty, but the remarks of the Conservator, S. C., on this subject are sensible, and he seems to be exercising a wise discretion in devoting less attention to the maintenance of expensive plantations of doubtful utility than to the supplement of natural growth by the dibbling-in of seed and planting-out of seedlings under cover of trees of less valuable species. In Sind, too, regular plantations were not undertaken, but large quantities of bábul seed were sown broadcast with fairly good results. The Governor in Council will be glad to learn the result of further experimental sowings of the rain tree, which is said to extract salt from the soil.

Exploitation.

14. There has been no change in the method of working the forests of the Northern Circle except in the Dángs. The permit system which has been in force there seems to have been very wasteful, and an arrangement by which payment is made for material actually cut should, if it can be worked, prove more economical. The experiment failed during the year under review, and the inaccessibility and unhealthiness of the tract are likely to interfere with its success, but a report of the results of further trial will be awaited with interest. In Thána the coupe system continued to work well: all but 25 of the 273 coupes laid out for sale were disposed of, and it was not found necessary in the interests of Government or the public to undertake any departmental exploitation. In spite of large timber sales in Jawhár, Dharampor and Baroda there was an unabated demand for Government wood from the West Thána coupes. Elsewhere the forests were not systematically worked. Teak on occupied lands was found sufficient to meet the demand in the Panch Maháls. In the Central Circle operations both departmental and other were on a somewhat smaller scale than in the preceding year; in West Khándesh and Poona a large amount of teak was departmentally exploited, but in both divisions a considerable proportion remained unsold; 15 coupes in teak forest were also sold for exploitation by purchasers in Poona, and 12 in the bábul forests of Sholápur. Besides these measures clear fellings of bábul were carried out in most divisions, and a good deal of Government timber was removed from disforested and occupied lands. There is nothing of importance to record with regard to the exploitation of timber in the Southern Circle. There was an increased yield of teak in Kánara and Belgaum, but it was counterbalanced by the reduced outturn elsewhere. It is noticed that the supply of much of the fuel demand for the Southern Marátha Railway was transferred from the Belgaum to the Kánara forests. The Deputy Conservator of Forests in Sind has given at some length the history of the so-called departmental system of extracting firewood and its unfortunate results; but as this matter has been disposed of in Government Resolution No. 4055, dated 22nd May 1896, it is unnecessary to refer to it further. The figures for timber exploited by purchasers show a very large increase in respect of rafters as compared with the previous year, which is ascribed by the Deputy Conservator to the exhaustion of waste lands outside forests by reckless cutting; and there seems good ground for thinking that the value of the Sind Forests—apart from fuel—will lie in the future rather in their capability of producing small than large timber. As regards minor forest produce a large revenue is obtained, as will appear from the table in the next paragraph, from grazing fees, and the grass of valuable Kurans is sold by auction. Other miscellaneous produce is for the most part disposed of on the farming system, but with the exception of rosha oil in the Central Circle, and hirdas in that and the Southern Circle, there is none of great importance.

15. The receipts from grazing fees and sale of grass in the several Circles are shown below:—

Circle.	Receipts.	
	1893-94.	1894-95.
	Rs.	Rs.
Northern Circle	28,656	25,135
Central do.	3,86,211	4,02,198
Southern do.	1,01,762	1,04,601
Sind do.	52,952	51,222
Total ...	5,69,581	5,83,156

In the Central Circle, as already observed, a large proportion of the revenue is derived from this source. Elsewhere it is less important.

16. Free grants of timber were made in the several Circles to the extent shown below:—

Circle.	Value of Free Grants of Timber.	
	1893-94.	1894-95.
	Rs.	Rs.
Northern Circle...	2,957	3,453
Central do.	2,634	2,026
Southern do.	76,555 cubic feet (Value not given.)	66,925 cubic feet (Value not given.)
Sind do.	704	1,162

17. The financial results of the year under review and the preceding year are compared in the following statement:—

Financial Results.

Circle.	Receipts.		Expenditure.		Net Revenue.		Increase or Decrease in Net Revenue in
	1893-94.	1894-95.	1893-94.	1894-95.	1893-94.	1894-95.	1894-95.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Northern Circle ...	7,60,954	7,38,680	2,64,947	2,75,931	4,96,007	4,62,749	—33,258
Central do. ...	8,14,169	7,84,401	5,13,130	5,42,471	3,01,039	2,41,930	—59,109
Southern do. ...	15,31,317	15,25,028	8,60,481	8,15,680	6,70,836	7,09,348	+38,512
Sind do. ...	6,79,252	6,79,823	4,58,470	4,17,757	2,20,782	2,62,066	+41,284
Total ...	37,85,692	37,27,932	20,97,028	20,51,839	16,88,664	16,76,093	—12,571

It will be seen that on the whole the year does not compare favourably with the previous one from a financial point of view, the increase in the net revenue of the Southern and Sind Circles being more than counterbalanced by the decrease elsewhere. The results however compare favourably with those of any year except 1893-94. In the Northern Circle the decrease is largely due to the absence of an item special to the preceding year, *viz.*, the sale of the Government share in the forests of 3 Inám villages in the Panch Maháls. There was however also a considerable loss of revenue in the Dángs owing to the change of system referred to in paragraph 14: on the other hand the increase of more than half a lákh in the Thána receipts owing to the better prices obtained for the wood in coupes is very satisfactory. Expenditure was heavy in the Central Circle, the increase of Rs. 29,341 over the figures for the preceding year being due to enhanced outlay upon Conservancy and Establishment,

There was also a considerable fall in receipts, mainly owing to the small demand for timber and firewood in Khándesh. In the Southern Circle both receipts and charges were less than in the previous year: it is satisfactory to find that the balance due to the department outstanding at the end of the year had been reduced by more than a lákh, though it still amounted to the undesirably large figure of Rs. 1,87,756. The reduction in expenditure took place mainly under the head of the removal of produce from forests by Government agency. A reduction in the quantity of fuel supplied to the Railway and in the rates paid for its extraction combined with a very poor myrabolam crop to outweigh the improved results of the exploitation of timber in Kolába and thus receipts were diminished. The year was a most successful one in Sind, and the excellent results are mainly due to the recovery of outstanding balances in Sukkur and greater economy in working in Jerruck.

Establishment.

18. The conduct of the establishment seems to have been even worse than in 1893-94. Seventeen guards were dismissed in the Northern Circle, 22 in the Southern and no less than 90 in the Central Circle. Figures are not given for Sind. The question of revision of establishment still awaits the receipt of reports on the subject.

Controlling Staff.

19. The thanks of Government are due to the Conservators and to the Deputy Conservator who was in charge of the Sind Circle for their careful and zealous supervision, and His Excellency the Governor in Council notes with satisfaction the commendation bestowed on most of the Divisional Officers and the testimony given of the cordial relations subsisting between the Forest and other Departments.

20. The errors and discrepancies which have been discovered in scrutinizing the reports under review have been noted in the accompanying Appendix. Those in the report for the Northern Circle are particularly numerous, and it is hoped that the Conservator will endeavour to secure more accuracy in future.

J. H. DuBOULAY,
Acting Under Secretary to Government.

To

The Commissioner in Sind,
The Commissioner, N. D.,
The Commissioner, C. D.,
The Commissioner, S. D.,
All Collectors, including the Collectors and Deputy Commissioners in Sind,
The Conservators of Forests, N., C., and S. Circles,
The Deputy Conservator of Forests, Sind Circle,
The Survey Commissioner and Director of Land Records and Agriculture,
The Superintendent, Bombay Forest Surveys,
The Public Works Department of the Secretariat,
The Accountant General,
} With copies of the Reports.

The Government of India,
The Secretary of State,
} By letter.

The Editors' Tables, Bombay and Poona.

APPENDIX

REFERRED TO IN PARAGRAPH 20 OF GOVERNMENT RESOLUTION No. 5068, DATED 29TH JUNE 1896.

Northern Circle.

In paragraph 2 of the Report the area of Reserved Forest is stated to have increased by 52,475 acres, whereas according to column 3 of the statement in paragraph 8 and column 6 of Form No. 46 appended to the Report the increase is 52,478 acres.

Paragraph 8 of the Report for 1893-94 shows that on 30th June 1894 there were $1,143\frac{101}{640}$ square miles of Reserved Forest and $445\frac{599}{640}$ square miles of Protected Forest in the Northern Circle, whereas according to paragraph 8 of the present Report and Forms Nos. 46 and 46A the respective areas on 1st July 1894 were $1,104\frac{369}{640}$ and $603\frac{429}{640}$ square miles.

In paragraph 13 of the Report the total cost of the Forest Settlement Officer and his establishment is stated to be Rs. 18,483-0-1, but the total of the figures given in columns 7 and 8 of Form No. 47 appended to the Report is Rs. 19,574-3-6.

The amount of Rs. 3,357 spent on the clearance of boundary lines and the erection of forest boundary marks, shown in paragraph 17 of the Report, includes* also Rs. 200 spent on repairs, which should have been excluded from it. The rate per mile specified in paragraph 17 of the present Report is incorrect and should be Rs. $30\frac{1}{15}$ instead of Rs. $11\frac{1}{2}$.

* *Vide* Form No. 48.

The cost rate (Rs. 6-11-3) per square mile of triangulation given in paragraph 18 of the Report should be Rs. 4-11-8. The area of 5,557 square miles shown in the same paragraph under "Detail Survey" against East Thána is apparently a misprint for 55·51 (*vide* column 5 of Form No. 49 appended to the Report and Statement A appended to Lieutenant-Colonel Hobday's Report).

In paragraph 19 of the Report it is stated that the actual cost debited to the Northern Circle during the forest year 1894-95 on account of forest survey was Rs. 11,219-2-7, whereas the total cost on this account given in column 6 of Form No. 49 and in paragraph 4 of the Survey Superintendent's Report is Rs. 11,177.

The average cost per coupe and per acre given for West Thána in paragraph 27 of the Report is wrong and should be Rs. 4-11-10 and Re. 0-1-5 instead of Rs. 5-3-2 and Re. 0-1-7.

In paragraph 28 of the Report the expenditure under the head "Communications and Buildings" incurred departmentally is stated to be Rs. 9,387-0-11, whereas according to Form No. 51, it is Rs. 10,101-4-0 (Rs. 7,556-6-9 + Rs. 2,544-12-3).

The total cost of original works and repairs carried out through the agency of the Public Works Department in the Thána District should be Rs. 990-11-1 instead of Rs. 990-14-1 shown in paragraph 29 of the Report; and the grand total of the cost on this account for the Circle should be Rs. 1,006-4-1 instead of Rs. 1,006-7-1.

The numbers of prosecutions for breaches of forest law in West Thána, Surat and Panch Maháls are 49, 12, and 54 respectively according to paragraph 32 of the Report, whereas Form No. 52 gives them at 67, 13, and 64. The total number of these prosecutions should be 324 instead of 295 shown in the paragraph referred to. The percentage of failures in Panch Maháls in 1893-94 should be 21·4 instead of 15·4 specified in that paragraph. The percentages of failures in 1894-95 given in the last column of the statement embodied in that paragraph as well as the figures given in paragraph 33 of the Report require alteration to correspond to the correct figures in Form No. 52.

The number (389) of offences mentioned in paragraph 34 of the Report is a mistake for 324.

The number of cases compounded under Section 67 of the Forest Act in the Panch Mahâls District in 1893-94 is given as 157 in paragraph 37 of the present Report, but according to paragraph 51 of the Report for 1893-94 it is 73. This reduces the total given in paragraph 37 referred to from 328 to 244.

The total forest area placed under protection from fire in 1893-94, which is given as 13,91,018 acres in paragraph 40 of the Report, is a mistake for 13,95,018 acres.

The quantity of timber worked departmentally in West Thâna and Surat in 1894-95 is stated to be 686 and 37,629 cubic feet respectively in paragraph 73 of the Report, whereas according to Form No. 57 it is 150 and 44,573 cubic feet.

The total number of cart-loads of bamboos removed in the Northern Circle in 1894-95 should be 5,934 instead of 5,834 shown in paragraph 85 of the Report. The number of bamboos removed in the Panch Mahâls District in 1894-95 is stated in that paragraph to be 123,269, whereas according to Form No. 57 it is 123,929.

The word "major" in the heading over paragraph 87 of the Report is a misprint for "minor."

The figures entered in column 7 (total forest area as in Form No. 46) of Form No. 50 appended to the Report do not tally with those given in Form No. 46. The explanation given of this discrepancy in column 9 of Form No. 50, which apparently applies only to the first two entries, is inadequate.

The totals given in columns 5, 6 and 7 of Form No. 51 against Chikhli and in columns 9, 11 and 12 against Chikhli and Mándvi include the amounts for these ranges as well as for other ranges, whereas only the totals for the ranges in question should have been given.

The area (1,588 acres) of forest in which fire protection failed in Khardi in East Thâna as shown in column 6 of Form No. 53 is apparently a misprint for 1,583 acres.

Comparing Forms Nos. 46 and 46A for the Northern Circle with Form No. 54 and making allowance for the addition in the latter of the area of the Dâng Forests, it is clear that the areas shown in columns 2 and 3 of Form No. 54 have been re-included in column 4. This is not done in the other circles, and it would be simpler if their example were followed in the Northern Circle too.

The total (1,220) of the number of buffaloes shown in column 8 of Form No. 55 appended to the Report should be 1,229.

The total number (123,599) of bamboos entered in the last column of Form No. 57 as having been removed in the Panch Mahâls Division should be 123,929. The total numbers of cart-loads and head-loads have been wrongly stated in the same form as 5,915 and 3,951 for 5,934 and 3,915 respectively.

The balance of firewood at the close of the year in the Panch Mahâls District is stated to be 29,190 cubic feet in the penultimate main column of Form No. 59, whereas in the last sub-column it is shown to be 26,190 cubic feet.

The total number of teak pieces, &c., on hand at the commencement of the year in Surat, entered in Form No. 60, should be 10,015 instead of 10,025; the total value (Rs. 4,000) of them on hand at the close of the year should be Rs. 3,550; and the difference in value against the year, which has not been shown in the last column, should have been given as Rs. 10,975. The total value of timber, &c., on hand at the close of the year in the whole circle requires to be changed from Rs. 5,322 to Rs. 4,872, and the difference in value against the year from Rs. 10,627 to Rs. 11,077.

The total revenue from V*b* (Refunds) is Rs. 593-15-5 according to the last column of Form No. 61, but the total of the preceding columns comes to Rs. 113-0-7 only.

The figure of expenditure Rs. 11,219-2-7 entered against A. IX. under Bombay Forest Survey in Form No. 61 should have been printed in the column immediately below it against "Total—Conservancy and Works"

The grand total of expenditure for the forest year 1894-95 is Rs. 2,75,931-5-6, whereas Form No. 62 gives it as Rs. 2,78,774-10-2 under "11 Forest (as per summary)."

Central Circle.

In paras 3 and 26 of the Report it is stated that 13 square miles and 395 acres were undergoing settlement when the year closed, whereas columns 11 and 13 of Form No. 47 give the area as 14 square miles and 206 acres.

The cost rates per square mile of the forest survey entered in para 39 of the Report require to be altered

from			to		
Rs.	a.	p.	Rs.	a.	p.
81	1	4	81	1	1
110	13	7	105	14	5
116	7	3	116	8	0

The number of cases in which offenders were undetected in the Sátára Division is stated in para 60 of the Report to be 491, whereas according to Form No. 52 it is 451. This reduces the total number of such cases in the circle from 1,355 to 1,315, and the total number of forest offences entered in that para and in para 61 from 14,878 to 14,838. The number of cases of illicit cuttings should be 451, and not 454 as shown in clause 3 of para 60 referred to above.

The expenditure incurred in East Khándesh on account of fire conservancy is given as Rs. 93 in paras 62 and 64 of the Report, but the total of the details given in column 8 of Form No. 53 for East Khándesh comes to Rs. 92. Similar expenditure for West Khándesh is stated to be Rs. 769 in para 62 and in column 8 of Form No. 53, but in para 65 it is stated to be Rs. 767.

In para 119 of the Report the revenue realised by the sale of rosha grass in West Khándesh is stated to be Rs. 16,339, whereas according to Form No. 58 it is Rs. 19,436.

In paras 122 and 133 of the Report the revenue realised from minor products other than hirda and grass and grazing in the Poona Division is stated to be Rs. 1,772, but according to Form No. 58 it is Rs. 1,178.

In para 137 of the Report the cubic feet of stone and the cart-loads of thorns and brushwood removed from the forests are stated to be 128,032 and 2,180 respectively, but according to Form No. 58 they are 104,988 and 2,133 respectively.

In Form No. 47 (column 13) the figure "$6\frac{103}{220}$" is a misprint for "$6\frac{103}{320}$".

The words "West Khándesh" require to be substituted for "Do." occurring below "East Khándesh" under the head "Balance (of timber) at the close of the year" in Form No. 59 as the figures printed opposite this entry pertain to West Khándesh (*vide* Form No. 60).

The balance of hirda nuts at the close of the year in the Poona Division is stated in Form No. 59 to be 163 khandis 22 maunds and 2 lbs., whereas according to Form No. 60 it is 165 khandis 20 maunds and 16 lbs. The balance of seed at the commencement of the year in the same division is shown as 48 khandis 13 maunds and 10 lbs. in Form No. 59, whereas Form No. 60 does not make mention of any such balance.

The heading of Form No. 60A appended to the report is wrong and should have been written as follows:—

"Abstract showing the value of Live and dead stock for the year 1894-95."

The heading of the first column of this form should also have been "Description of Live and Dead Stock."

Southern Circle.

The difference beween the costs per acre on which the Working Plans Party No. I was engaged in 1893-94 and 1894-95 should be Re. 0-1-5·6 and not Re. 0-2-6·4 as stated in para. 45 of the Report.

The percentage of failures to prosecutions for breaches of forest law in the Central Division, Kánara, in 1894-95 is 37·5, the statement given at para. 57 of the Report giving it as only 37.

The totals of the number of cases of misappropriation of (*a*) timber and (*b*) firewood for 1894-95 given in Form No. 52A should be 298 and 272 respectively instead of 268 and 302.

The total charges of cultural operations for the circle for 1894-95 should be Rs. 812 and not Rs. 772 as given in Form No. 56. The grand total of the charges of regular and cultural operations requires also to be altered from Rs. 1,083 to Rs. 1,123.

The revenue derived from I (*b*) Firewood and charcoal in the Northern Division of Kánara should apparently be Rs. 70,836-0-6 instead of Rs. 70,036-0-6 shown in Form No. 61.

Taking the totals of the total figures given in columns 3, 4, 5, 6 and 7 of Form No. 63 for each Division, the grand totals for the circle given at the end of that form would be :—

	Rs.	a.	p.
Outstanding at commencement of year	2,94,855	11	9
Value of sales or other revenue during the year ...	14,09,185	5	7
Total ...	17,04,041	1	4
Amount realised during the year	15,16,285	2	9
Balance due to the department at the end of the year.	1,87,755	14	7

None of these figures except the first and the last tally with the corresponding totals in Form No. 63.

Sind Circle.

The area of Reserved Forests disforested under Section 26 of the Forest Act is shown as 38,128 acres in paragraph 28 of the Report, whereas according to the statement in paragraph 16 and Form No. 46 it is 37,945 acres.

In paragraph 50 of the Report it is stated that in all the Divisions except Nausháhro there is a decrease in the number of prosecutions, whereas it appears from paragraph 48 that the number increased from 2 in 1893-94 to 4 in 1894-95 in the Jerruck Division.

The number of animals licensed for grazing at full and privileged rates during 1894-95 in the Nausháhro Division is shown as 104,937 in paragraph 93 of the Report, whereas according to Form No. 55 it is 114,937.

The total charges of the Circle for 1893-94 are stated to be Rs. 4,58,470 in para. 124 of the Report, whereas the total of the details of this item given in it comes to Rs. 4,66,470.

The entries "Area on 1st April 1894" and "Area on 1st March 1895" in the headings of main columns 4 and 7 of Form No. 46 and 5 and 8 of Form No. 46A are apparently mistakes for "Area on 1st July 1894" and "Area on 30th June 1895."

The total number of persons dealt with in connection with forest offences in the Nausháhro Division should be 152 and not 148 as given in Form No. 52.

The figure (28,234) showing the area attempted to be protected from fire in Mirpur (Sukkur Division) in 1894-95, given in Form No. 53, is apparently a misprint for 38,234.

The first five figures showing the total value of the outturn of certain minor forest produce in the Sukkur Division given in Form No. 58 require to be altered from 10, 8, 557, 814, and 9 to 108, 7, 554, 819 and 5 respectively.

ADMINISTRATION REPORTS

OF THE

FOREST DEPARTMENT

IN THE

BOMBAY PRESIDENCY,

INCLUDING

SIND,

FOR THE YEAR 1894-95.

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1896.

NORTHERN CIRCLE.

No. 3164 OF 1895-96.

From

R. C. WROUGHTON, ESQUIRE,

Deputy Conservator of Forests, Northern Circle;

To

J. MONTEATH, ESQUIRE, I.C.S.,

Secretary to Government, Revenue Department.

Camp Wássind, Thána District,
19th December 1895.

SIR,

I have the honour to submit the Annual Report of Forest Administration in the Northern Circle for 1894-95.

2. I have to apologize for the delay in its submission, but the exchange of Divisional Officers between Surat and the Panch Mahâls just as the year closed, and a good deal of sickness among the members of Divisional Offices, greatly delayed the submission of the Divisional Reports, the last of which was not indeed received until the end of September.

I have the honour to be,

Sir,

Your most obedient Servant,

R. C. WROUGHTON,

Deputy Conservator of Forests, Northern Circle.